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PRPBASE
NL INDUSTRIES SITE
(Mailing Address Report #1)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address

Facility Address

- | | |
|---|--|
| 1. A. M. Miller & Company, Inc.
15001 SW Adams St.
Portland, IL 61812 | |
| 2. A. Toropawa
4510 Bethany Road
North Little Rock, AR 72117 | |
| 3. AnGraham Corp.
P.O. Box 28
Kankakee, IL 60901 | |
| 4. APF Metal Co.
St. Louis, MO | |
| 5. AT & T Nassau Recycle Corp.
Room JMA-148
1 Oakway
Berkley, NJ 07922 | Nassau Recycle Corporation
P.O. Box 215
Gaston, SC 29053 |
| 7. AT&T Nassau Smelting & Refining Corp.
Room JMA-148
1 Oakway
Berkley Heights, NJ 07922 | Nassau Smelting & Refining
206 Richmond Valley
Staten Island, NY 10307 |
| 9. Burt & Sons Co.
P.O. Box 6478
Church Street Station
New York, NY 10299 | |
| 10. Ace Comb Company
West Second St.
Booneville, AR 72926 | |
| 11. Ace Metal Processors, Inc.
Ace Scrap Metal
5900 Manchester
St. Louis, IL 63110-1999 | |
| 12. Ace Battery Manufacturing Co.
1140 Morganford Road
St. Louis, MO 63110 | |

PREPAGE
NL INDUSTRIES SITE
(Mailing Address Report #2)

LIST OF INDUSTRIALS NOT SENT NOTICE OF INFORMATION REQUEST LETTERS
ADDRESSES

Company Address	Facility Address
1. North American Supply Corporation 1000 Washington Ave St. Louis, MO 63102	
2. North States Engineering, Inc. 1001 West Williams Street Greenwood Station, WI 53001	
3. Active Metal Co. 5151 12th St. Oshkosh, WI 54903	
4. Hyman Bros., Co. 609 South Water St. Milwaukee, WI 53204	
5. Allied Metal Company, Inc. 2059 South Canal Street Chicago, IL 60616	
6. Allied Signal Inc. Prestolite Batteries P.O. Box 25459 Morristown, NJ 07960-2245	Allied Signal Inc. Prestolite Batteries P.O. Box 278 Manchester, IA 52057
7. Alter Company, Inc. Bernard Goldstein, President 2200 Rockingham Road Daytonport, IA 52808	
8. Max Lead & Zinc/A 7730 Forsyth Blvd. Clayton, MO 63105	Asahi, Inc. 200 Park Avenue New York, NY 10166
9. American Can Co. 755 Prior Ave. St. Paul, MN 55104	
10. American Industrial Linings, Inc. 1290 Kingsland Avenue St. Louis, MO 63132	
11. Thompson Engine, Inc. 501 5th 448 Evansville, IN 47506	

PREBASE
NL INDUSTRIES SITE
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LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
16. Astrom Manufacturing Co. 10th & McKinney Sts. Chicago, IL 60605	
17. Baver Iron & Metal Co. P.O. Box 11740 715-721 N. Limestone Livingston, KY 40301	
18. Barten Machinery & Supply Co. 215 Santa Fe Drive Denver, CO 80223	
19. Batco Inc. 7777 Bonhomme Clayton, MO 63105	
20. Bear Manufacturing P.O. Box 10159 Rock Island, IL 62201	
21. Becker Metals Corp. P.O. Box 14008-B 306 South 22nd St. St. Louis, MO 63178	
22. Bell City Battery Manufacturing 915 South Charles St. Bellefonte, IL 62221	
23. Ben Greenberg Co. P.O. Box 450 Oyensburg, TN 38008	
24. Benjamin Air Rifle Co. Sheridan Products Div. 2600 Chicory Road Racine, WI 53403	Benjamin Air Rifle Co. 1525 South Eighth St. St. Louis, MO 63104
25. Berlinski & Sons Berlinski Scrap Corp. P.O. Box 215 212 Page St. Joliet, IL 60434	

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NL INDUSTRIES SITE
(Mailing Address Report 42)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address

Facility Address

37. Bill's Greyster
P.O. Box 1003
Bowling Green, MO 63004

38. Bill's Auto Parts
c/o William Garbo
471 South Esplanade Ave.
Corydon, IN 47112

39. Bill's Salvage
P.O. Box 199
Highway 51 South
Cooden, IL 62900

40. Billiton Metals & Ores
P.O. Box 115a
Church Street Station
New York, NY 10249

Billiton Trading Co.
75 Rockefeller Plaza
New York, NY 10019

41. Billy Morrow
Box 100
Hurdland, MO 63547

43. Bob Keller Batteries Warehouse Co.
2671 Washington
St. Louis, MO 63103

44. Briggs Used Auto Parts
7 West Buckeye
Casey, IL 62420

45. Burlington
Granite City, IL

46. C.L. Downey Company
9th & Colfax Ave.
P.O. Box 857
Hannibal, MO 63401

47. CBC Inc.
2001 Fairfax Traffic Way
Kansas City, MO 64115

PREPARE
NL INDUSTRIES SITE
(Mailing Address Report #)

NOTE: IF INDIVIDUALS NOT SENT NOTICE OF INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
43. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
44. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
45. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
46. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
47. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
48. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
49. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
50. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
51. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
52. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
53. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
54. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
55. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
56. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
57. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
58. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
59. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	
60. DND Industries, Inc. P.O. Box 116 Paris, TX 75460	

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LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
61. Chrysler Corporation Headquarters 100 Chrysler Drive Detroit, MI 48268	Chrysler Corporation St. Louis Assembly Plant 1001 North Highway Drive Fenton, MO 63026
62. Comfort Printing and Stationery Co. 1811 Locust St. St. Louis, MO 63106	S.B. Adams Printing & Stationery Co. 145 White Oaks Mall Springfield, IL 62704
63. Commercial Metals Company P.O. Box 1046 7800 Stemmons Freeway Dallas, TX 75221-1046	
64. Consolidated Wastes Material Co. 6770 Wilson Road Kansas City, MO 64125	
65. Container Division, Sherwin-Williams Co. 1717 Stifford Road Elgin, IL 60129	
66. Continental Can Company Kiewit Continental Inc. 300 Connecticut Ave. P.O. Box 5410 Norwalk, CT 06856	Kiewit Holding Group Inc. Kiewit Continental Inc. 1000 Kiewit Plaza Omaha, NE 68131
67. Cosco Graphics 11548 Adie Road Maryland Heights, MO	
68. Crown Cork & Seal Company 3501 West 21st Street Chicago, IL 60623	Crown Cork & Seal Company 9300 Ashton Road Philadelphia, PA 19136
69. D. Pollack & Sons Steven Pollack, President 1509 West Cortland Chicago, IL 60622	
70. Del-Rich Battery & Metal Co. 510 Schaefer Road Davenport, IA 52808	

1973-74
1974-75
1975-76

MESSAGE
NL INDUSTRIES SITE
(Mailing Address Report #2)

1973-74 INDIVIDUALS NOT SENT NOTICE OR INFORMATION RELEASED 1973-74
ADDP33553

Mailing Address

Facility Address

20. Erie Co. General Delivery Co. 2,
Erie, PA 16505
Delivery Co. 16502-001

21. Stone Corporation 555 170
2200 2nd Ave.
Baltimore, MD 21202-4205

22. Fair West Sports
12000 Reeder Road S.W.
Olympia, WA 98502

Fair West Sports, Inc.
4702 20th East
Tacoma, WA 98406

23. Garland Industries, Inc.
P.O. Box 7305
7215 North Oak Trafficway
Kansas City, MO 64116

24. Federal Iron & Metal Co.
6820 St. Charles Rock Road
St. Louis, MO 63135

25. Federal-Mottman Inc.
RMO Eblen Drive
Rocka, IN 55303-1778

26. Feinberg Bros. Iron & Metal
1305 Cypress
Kansas City, MO 64127

27. Eiser Metal Co.
5900 Manchester Ave.
St. Louis, MO 63125
28. Ford Motor Company
Earlane Towers West, Ste. 1
One Parklane Blvd.
Dearborn, MI 48126

29. Fundamental Metals & Minerals
50 Rockefeller Plaza
Suite 1973
New York, NY 10020

Fundamental Metals & Minerals
2 Executive Drive
Fort Lee, NJ 07024

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LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
98. ST Metals P.O. Box 10113 Muskegon, MI 49441	
99. Garry Metals Suite 200 100 East 57th St. New York, NY 10022	
100. Garry Metals, Inc. P.O. Box 270 Canterville, IL 62918	
101. Gebco Machine, Inc. 2900 Emzee Granite City, IL 62040	
102. General Motors Corporation Fisher Body Division 1001 West Grand Blvd. P.O. Box 33122 Detroit, MI 48232	
103. General Motors Corporation 1809 North Union Blvd. St. Louis, MO 68115	
104. General Services Administration Chicago Real Estate Sales Field Office 200 South Dearborn St. Room 3316 Chicago, IL 60604	
105. General Waste Products P.O. Box 6690 201 South 7th Avenue Evansville, IN 47730	
106. Glosser Metal Company P.O. Box 114 Hidalgo, IL 62422	Glosser Metal Company Box 31, Route 2 Greenup, IL 62428
107. Gopher Smelting & Refining 1785 Highway 49 St. Paul, MN 55121	

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NL INDUSTRIES SITE
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LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
121. Inland Metals Refining Co., Inc. 55 West Jackson Blvd. #1122 Chicago, IL 60604	Inland Metals Refining Co. Inc. 351 East 119th St. Chicago, IL 60628
122. Inhercity Metal Co. 8400 Truman Road Kansas City, MO 64125	
123. Insteel Corporation 505 Third Ave. New York, NY 10022	
124. J. Solomon & Sons 17th and Cedar Sts. Daino, IL 62914	
125. J. Trockman & Sons, Inc. P.O. Box 682 Highway 41 South Evansville, IN 47702	
126. James H. Tessem 1705 Northeast Ferry Peoria, IL 61603	
127. Jay Metal Processing 1302 Northeast 29th Ft. Worth, TX 76166	
128. Johnson Controls Inc. Globe Union 5757 North Green Bay P.O. Box 591 Milwaukee, WI 53201	
129. Johnson Metal Co. 3056 Hamilton Ave. Racine, WI 53403	
130. K.W. Battery Mc Dermott, Will & Emery 111 West Monroe St. Chicago, IL 60603 ATTN: Janice M. Edwards	

APPENDIX
INDUSTRIES SITE
(Mailing Address Report #2)

LIST OF INDIVIDUALS NOT SENT NOTICE OF INFORMATION REQUEST LETTERS
ADDRESSES

Company Address	Facility Address
142. LARSEN CORPORATION Marshall, W. Madison, 5095, P.O. Box 1771, Chicago, IL 60602	
143. Upper House Metal, Inc. P.O. Box 1771, 751 Navaret Road El Paso, TX 79907	
144. M. Servino & Son, Inc. 707 East Nevada St. P.O. Box 67 Marshalltown, IA 50158	
145. M. Katch & Co., Inc. P.O. Box 519 500 Branner Topeka, KS 66615	
146. M. Ruen Metal Co. 2416 South Archer Ave. Chicago, IL 60616	
147. M.J. Kapiian Company/Sun Steel Dvsn. 506 North Lake Shore Dr. Chicago, IL 60611	
148. MacGlashen Enterprises 1641 South Sinc Lake Anaheim, CA 92806	
149. Madewell & Madewell P.O. Box 136 Jones, OK 73049	
150. Madewell Metals Corporation 210 Shawnee Bypass P.O. Box 1472 Muskogee, OK 74401	
151. Madison Scale Co., Inc. Madison, IL 62090	Madison Scale Co., Inc. 2106 Commercial Ave. Madison, WI 53714

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LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
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Mailing Address	Facility Address
17. Mallon Brothers Co., Inc. 1211 Burman Avenue Greensboro, NC 27402	
18. Marchen Resources, Inc. P.O. Box 55761 Houston, TX 77055	Marchen Resources, Inc. P.O. Box 5914 5012 Tangle Lane Houston, TX 77056
19. Marco Steel Supply 302 E. Market St. Champaign, IL 61820	Marco Steel Supply Mervis Industries 2313 Cannon Danville, IL 61832
158. Mardians Inc./Mardians Trading Post P.O. Box Mobridge, SD 57501	
159. Max Schwartzman & Sons, Inc. 2905 North Penny Anoka, MN 55303	
160. McGraw-Edison Co. Russell Manufacturing Division 502 Earth City Plaza P.O. Box 14460 St. Louis, MO 63178	
161. McKinley Iron Inc. 1620 North Hall St. St. Louis, MO 64147	
162. Meyer Battery Service 1804 East Twelfth St. Joplin, MO 64801	
163. Mid-Missouri Metal P.O. Box 247 South I-70 Service Road Wentzville, MO 63385	
164. Milford Rivet Machine Co. 1811 Taylor Street Elyria, OH 44035	Milford Rivet Machine Co. RBS Industries, Inc. 45 Seabans Lane Milford, CT 06460

PREPARE
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LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
166. Missouri Iron & Metal Co., Inc. 784 South Fourth St. P.O. Box 177 St. Joseph, MO 64501	
167. Modern Printing Company 2217 Oliver Street St. Louis, MO 63103	
168. Modine Manufacturing Co. 1500 Dekoven Avenue Madison, WI 53401	
169. Morris Tack Company, Inc. P.O. Box 3095 501 East Stewart St. Bloomington, IL 61701	
170. Murphysboro Iron & Metal 1700-1900 Gartside Murphysboro, IL 62966	
171. National Can Services Corporation 8101 Higgins Road Chicago, IL 60631	
172. National Metal Company 3339 Lowell Avenue Skokie, IL 60076	
173. National Typographic 214 Pine Street St. Louis, MO 63103	
174. New Castle Junk Co. Season Street Extension P.O. Box 1408 New Castle, PA 16105	
175. New Orleans Public Services Middle South Utilities, Inc. P.O. Box 60340 317 Eardene St. New Orleans, LA 70160	

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LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
176. Northern Metal Company 117 West Oak Louisville, KY 40207	
177. Northrop Sports Club P.O. Box 766 North Allegheny Road Brayslake, IL 60250	
178. Northern Metals Inc. 70 Dock St. St. Louis, MO 63147	
179. Northwestern Bell Telephone Co. 100 S.W. 9th Ave. New Brighton, MN 55112	Northwestern Bell Telephone Co. U.S. West Inc. 7800 E. Orchard Road Englewood, CO 80111 U.S. WEST, Inc. Northwestern Bell Telephone Co. 7800 East Orchard Road Englewood, CO 80111
182. Northwestern Iron & Metal 438-440 Lake Ave. South Duluth, MN 55802	
193. O'Dell Iron & Metal 100 State Street Madison, IL 62248	
194. Okon Iron & Metal Co. 4801 South Lamar P.O. Box 15724 Dallas, TX 75215	
195. Olin Corporation 427 North Shaerock East Alton, IL 62024	Olin Corporation P.O. Box 1335 120 Long Ridge Road Stamford, CT 06904
197. Otis Radio Electric Corp. 1102 Silver Lake Cary, IL 60013	

REFPAGE
NL INDUSTRIES SITE
(Mailing Address Report #2)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
188. Ohio Lumber 418 Hillisford Barnington, MO 63641	
189. Overland Metals, Inc. 8811 Overland Road Overland, MO 63114	
190. Parsons International Inc. P.O. Box 15519 5201 Aracun Drive Houston, TX 77020	
191. Peoria Battery Co. 10000 North Knoxville Peoria, IL 61615	
192. Pet, Inc. 400 South Fourth St. St. Louis, MO 63166	
193. Piolet Brothers P.O. Box 12 McCook, IL 60525	Piolet Brothers Piolet Brothers Trading, Inc. 2250 East Devon Suite 207 Des Plaines, IL 60018
195. Plumbing Joint Apprenticeship Training Committee 5773 Elizabeth Avenue St. Louis, MO 63112	
196. Prairie Steel Co. P.O. Box 294 Havana, IL 62644	
197. Price Watson Company 1909 North Clifton Ave. Chicago, IL 60614	
198. Rankin Technical Institute 4431 Finney Ave. St. Louis, MO 63113	

ML INDUSTRIES SITE
(Mailing Address Report 12)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
29. Ray-Ban Engineering Corporation 597 West Peachtree Blvd. P.O. Box 416 Atlanta, GA 30302	
30. Ray Diamond Manufacturing Company P.O. Box 508 Hot Springs, AR 71901	
31. Redfield Iron & Metal P.O. Box 1859 212 West Redfield, SD 57469	
32. Reeves Scrap Metal 5900 Brush Island Road North Little Rock, AR 72117	
33. Reinert-Preisler Electrottype Co. 714 Pine Street St. Louis, MO 63101	
34. Reliance Battery Manufacturing 2204 South 8th St. Council Bluffs, IA 51501	
35. Rex Gertsinger, Sr. 2204 East Main Street Decatur, IL 62521	
36. Reynolds Electric Granite City, IL	
37. Romak Industries P.O. Box 396 Olive Branch, MS 38654	
38. Rosen Metals P.O. Box 121 Baldwin, WI 54002	
39. Roth Brothers Smelting Corp. P.O. Box 539 5227 Thompson Road East Syracuse, NY 13057	

REFRAGE
NL INDUSTRIES SITE
(Mailing Address Report #2)

SEE IF INDIVIDUALS NOT SENT NOTICE OF INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
211. E. J. Metal Industries 3000 South Western Avenue Chicago, IL 60628	
212. E. J. Metal Industries P.O. Box 212 Steele City, MO 66180	
213. E. J. Metal Company 3345 South W. Street Chicago, IL 60621	
217. Salvage Battery & Lead Co. P.O. Box 170 170 South Rockaway Wisconsin, WI 53028	
214. Sam Allen & Son, Inc. P.O. Box 2 5900 Collier Road Pontiac, MI 48156	
215. Samuel Hyde & Metal 36 East Hunt Paragould, AR 72301	
216. Sanders Lead Co., Inc. Box 707, Sanders Road Troy, AL 36081	
217. Scheer Shooting Supplies 100 West Eagle Arlington, NE 68002	
218. Schwartz Metal Processors P.O. Box 218 Marshalltown, IA 50158	
219. Seidenfeld & Son Iron & Metal 321 Southeast 21st St. Des Moines, IA 50309	
220. Shamfield Bros. 10000 100th St. St. Louis, MO 63147	

PPFBASE
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(Mailing Address Report #2)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
221. Shanke Metals, Inc. 1411 Plenda Ave St. Louis, MO 63110	
222. Shapiro Sales Co. 5040 North Second St. St. Louis, MO 63147	
223. Shostak Iron & Metal 700 Kindelberger Road Kansas City, KS 66115	
224. Shur-Start Battery Company 6767 St. Charles Rock Road St. Louis, MO 63133	
225. Sioux City Compressed Steel 214 Court Street Sioux, IA 51101	
226. Sol Alcan Co. 1300 East Ninth St. P.O. Box 2244 Little Rock, AR 72203	
227. Sol Tick & Co. 901 Eldorado St. Box 30 Decatur, IL 62525	
228. South Side Machine 3761 Eiler Street P.O. Box 22199 St. Louis, MO 63118	
229. Southern Scrap Iron & Metal Daniel Kueskin, Pres. 6323 S. Broadway St. Louis, MO 63111	
230. Southwestern Bell Telephone Co. 15400 East Truman Road Independence, MO 64050	Southwestern Bell Corporation 1 Bell Center St. Louis, MO 63101

FFPBASE
NL INDUSTRIES SITE
(Mailing Address Report #2)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
232. Spartan Printing Company World Color Press, Inc. Second and Dickey Streets Spartan, IL 62286	
233. Springfield Battery Co. 2545 East Cook St. Springfield, IL 62707	
234. St. Louis Bottle Iron & Metal Co. 2039 Cole Street St. Louis, MO 63107	
235. St. Louis Law Printing Co. 812 Arcade Building St. Louis, MO 63101	
236. Standard Lead Co. 15396 Idaho Detroit, MI 48238	
237. Standard Storage Battery Co. 2286 Capp Road St. Paul, MN 55114	
238. Stanford Linear Accelerator Center P.O. Box 4349 Stanford, CA 94305	
239. Stanley Toebben Route 5 Jefferson City, MO	
240. Steel Baling Co. 1901 Converse P.O. Box 408 East St. Louis, IL 62202	
241. Straightway Iron & Metal Co. 1936 Cole Street St. Louis, MO 63106	
242. Superior Typesetting Company 1709 Washington Ave. St. Louis, MO 63101	

REPSAGE
NL INDUSTRIES SITE
(Mailing Address Report #2)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
243. Supco Smelting & Refining Co. Registered Agent: Martin L. Supco 1100 Summit Drive Deerfield, IL 60015-1323	
244. Swan Rubber Co. Rt #2 4115 North Perkins Road Stillwater, OK 74059	
245. T.J. Marshall Manufacturing Co. 4326 Riverline Dr. Earth City, MO 63405	
246. Tri-City Scrap Co. P.O. Box 21199 Louisville, KY 40221	
247. Turner Salvage Co. Route 1, Box 101 Moorehead, MN 56560	
248. U.S. Scrap & Metal Co. P.O. Box 1484 550 Southside Dr. Decatur, IL 62526	
249. U.S. Supply Company 901 Farnam Street Omaha, NE 68102	
250. USS Lead Refinery Sharon Steel Company Romer Boulevard Sharon, PA 16146	Lead Refinery Inc. 5300 East Kennedy Ave. East Chicago, IN 46312
252. Union Compressed Steel 5200 Main Street Duluth, MN 55807	
253. Union Scrap Iron & Metal Co., Inc. 210 15th Ave. North Minneapolis, MN 55411	

RELEASE
NL INDUSTRIES SITE
(Mailing Address Report #2)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
254. Unique Art Glass 14-2 Market Street St. Louis, MO 63111	
255. United Scrap Lead Co., Inc. P.O. Box 25 Topeka, OH 45377	
256. University of Illinois at Urbana 232 Administration Building Urbana, IL 61801	
257. Versatile Metals P.O. Box 97728 Chicago, IL 60690	
258. Vince Jacks Iron & Metal Co. 6609 Manchester Ave. St. Louis, MO 63139	
259. Vincent Brass & Aluminum 3334 Rand Road Indianapolis, IN 46241	
260. Waddell Brothers Metal Company P.O. Box 338 Blue Grass, IA 52726	
261. Waterville Creamery Co. 400 Hazel Street Covington, OH	
262. West End Hide & Fur Box 1578 Jamestown, ND 58101	
263. Western Electric Co. Room 3MA-148 1 Oakway Berkeley, NJ 07922	Western Electric Co. 2651 Olive Street St. Louis, MO 63103
265. Western Gun & Supply P.O. Box 1948 Grand Island, NE 68801	

POPSAGE
ML INDUSTRIES SITE
(Mailing Address Report #2)

LIST OF INDIVIDUALS NOT SENT NOTICE OR INFORMATION REQUEST LETTERS
ADDRESSES

Mailing Address	Facility Address
256. Acker Organ Company 114 Fifth Street P.O. Box 129 Highland, IL 62249	
257. William S. Lashin & Sons 3318 West Point Collinsville, IL 62234	
258. Young Radiator Co. 2825 Four Mile Road Racine, WI 53404	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

NOV 28 1989

REPLY TO ATTENTION OF:

5HS-11

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: NL Industries/Taracorp-Granite
City, Illinois Site ("the Site")

Dear Sir/Madam:

The United States Environmental Protection Agency (U.S. EPA) has documented the release or threatened release of hazardous substances, pollutants and/or contaminants at the above referenced Site. A Remedial Investigation/ Feasibility Study (RI/FS) has been initiated at the Site pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. Section 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986, Public Law 99-499 (CERCLA). The RI/FS is being prepared by NL Industries, Inc. pursuant to an Administrative Order by Consent (AOC).

Pursuant to its authority under Section 104(a) of CERCLA, U.S. EPA is issuing this general notice letter to notify you of potential liability which you may have incurred with respect to the Site, and to provide you with an opportunity to enter into negotiations to voluntarily undertake the completion of any future remedial actions. Since a RI/FS is currently on-going at the Site, special notice procedures pursuant to Section 122(e) of CERCLA are not being used at this time, but may be used in the future. Before initiating a remedial action at the facility, U.S. EPA may, in its discretion, determine that a moratorium period for formal negotiations as set forth in Section 122(e) would facilitate agreement and expedite remedial action. As noted below, completion of the RI/FS is anticipated for March 1990 at which time the Agency may issue a special notice letter to initiate the moratorium period for settlement negotiations.

The Remedial Investigation (RI) Report, which describes the findings on the nature and extent of contamination at the Site, was finalized in January 1989. The Feasibility Study (FS) Report, which evaluates various

remedial alternatives for the Site, is expected to be released in January 1990. A Proposed Plan identifying U.S. EPA's and IEPA's preferred remedial action for the Site will also be available in January 1990. Following the release of the FS Report and Proposed Plan, a release public comment period will be held by U.S. EPA and the Illinois Environmental Protection Agency (IEPA). Subsequent to the public comment period, the Regional Administrator will issue a Record of Decision (ROD) selecting the appropriate remedial action for the Site. Unless the U.S. EPA determines that a potentially responsible party (PRP) will voluntarily undertake the remedial action necessary at the Site, U.S. EPA is authorized by Section 104 of CERCLA to undertake the remedial action itself and under Section 107 of CERCLA to seek reimbursement from PRPs of all costs incurred in connection with the action taken. Such costs may include, but are not limited to, expenditures for investigation, planning, response and enforcement activities. Moreover, under Section 106 of CERCLA, U.S. EPA may order responsible parties to implement those relief actions deemed necessary by U.S. EPA to protect public health, welfare or the environment.

Responsible parties under Section 107 of CERCLA include: current owners and operators of the Site, former Site owners and operators at the time of disposal of hazardous substances, persons who owned or possessed hazardous substances and arranged for disposal, treatment, or transportation of such hazardous substances and persons who accepted hazardous substances for transportation for disposal or treatment to a facility selected by such transporter. U.S. EPA has information indicating that you are a PRP with respect to the Site. The information utilized in identifying PRPs at the Site is briefly summarized in Paragraph A of Attachment I of this letter.

By this letter, U.S. EPA notifies you of your potential liability with regard to this matter and encourages you, as a potentially responsible party, to voluntarily perform or finance the response activities that U.S. EPA has determined or will determine are required at the Site.

Under the AOC, NL Industries, Inc. has already undertaken certain actions in response to conditions at the Site. These response actions are summarized in Paragraph B of Attachment I to this letter.

U.S. EPA is currently planning to conduct the following additional response activities at the Site:

- (1) Design and implementation of the remedial action selected and approved by U.S. EPA and IEPA for the Site; and
- (2) Provision of any monitoring, operation and maintenance necessary at the Site after the remedial action is completed.

In addition to those activities enumerated above, U.S. EPA may, pursuant to its authorities under CERCLA, decide that other clean-up activities are necessary to protect public health, welfare and the environment.

U.S. EPA is seeking to obtain certain other information that you may have pursuant to its authority under Section 104 of CERCLA, 42 U.S.C. Section 9604, and Section 3007 of the Resource Conservation and Recovery Act (RCRA) as amended, 42 U.S.C. Section 6927, for the purpose of enforcing CERCLA and RCRA and for the purposes of assisting in determining the need for response to a release of hazardous substances(s) under CERCLA. The Administrator of the U.S. EPA has the authority to require any person who generates, stores, treats, transports, disposes, arranges for the disposal of, or otherwise handles hazardous wastes and hazardous substance, as those terms are defined in Section 1004(5) of RCRA, 42 U.S.C. Section 6903(5) and Section 101(14) of CERCLA, 42 U.S.C. Section 9601(14), to furnish U.S. EPA with information related to such activities. Pursuant to these statutory provisions, you are hereby requested to submit the information requested below.

1. Copies of all shipping documents or other business documents relating to the transportation, treatment, storage or disposal of waste materials or substances at the above referenced Site.
2. A detailed description of the generic common and/or trade name and the chemical composition and character (i.e. liquid, solid, sludge) of the waste material offered by you for transportation to, treatment, storage or disposal at the above referenced Site.
3. For each hazardous substance identified above, please give the total volume, in gallons for liquids and in cubic yards for solids, for which you arranged treatment or disposal, and list when treatment or disposal occurred.
4. What arrangements were made to transport your hazardous substances to the above referenced Site? What type of transportation was used (i.e. tankers, dump trucks, drums)?
5. Who was the transporter of your hazardous substances, what was his previous address, and what is his current address?
6. Copies of all records, including analytical results, which indicate the chemical composition and/or chemical character of the waste material(s) transported to, treated, stored or disposed of at the above referenced Site or offered for transportation to, treatment, storage or disposal at the Site.
7. Any additional information which may help U.S. EPA to identify other companies or individuals that transported or arranged for the transportation of waste materials to the Site.

8. A list of all individuals responsible for obtaining the information included in or who participated in preparing your response to this request for information.

To assist you in answering this request, the information sought pertains to any and all information in your possession, custody or control relating to the operation of the above referenced Site and to the transportation, storage, treatment or disposal of hazardous substances or the generation of hazardous substances which were ultimately treated or disposed of or offered for disposal or treatment at the NL Industries/Taracorp-Granite City, Illinois Site. The relevant time period for this request is from the first time waste was handled or received at the Site through the present.

For purposes of this information request, "shipping documents" shall mean all contracts, agreements, purchase orders, requisitions, pick-up or delivery tickets, customs forms, freight bills, shipping memoranda, order forms, weight tickets, work orders, manifests, shipping orders, packing slips, bills of lading, invoices, bills and any other similar documents that evidence discrete transactions involving shipment, or the arrangement for shipment, of waste materials to, through, or from, the above referenced Site. "Waste materials" shall mean hazardous substances, solid wastes and hazardous wastes, and other materials which may or may not contain pollutants or contaminants, and shall include reclaimed and off-specification materials of any kind.

The information sought herein must be sent to U.S. EPA with thirty (30) calendar days of your receipt of this letter. This information may be used by U.S. EPA in any civil administrative or criminal proceeding. Under Section 3008 of RCRA, 42 U.S.C. Section 6928, failure to comply with this request may result in an order requiring compliance or in a civil action for appropriate relief. These provisions also provide for civil penalties. Failure to comply with this request under Section 104 of CERCLA, 42 U.S.C. Section 9604 may result in a civil enforcement action being brought against you by U.S. EPA. An enforcement action may include the assessment of penalties of up to \$25,000 per day for each day of continued noncompliance.

The information requested herein must be provided notwithstanding its possible characterization as confidential information or trade secrets. You may request, however, that any such information be handled as confidential business information. A request for confidential treatment must be made when the information is provided, since any information not so identified will not be accorded this protection by the U.S. EPA. Information claimed as confidential will be handled in accordance with the provisions of 40 C.F.R. Part 22.

The written statements submitted pursuant to this request must be notarized and submitted under an authorized signature certifying that all information contained therein is true and accurate to the best of the signatory's knowledge and belief. Moreover, any documents submitted to Region V

pursuant to this information request should be certified as true and authentic to the best of the signatory's knowledge and belief. Should the signatory find, at any time after the submittal of the requested information, that any portion of the submittal of the requested information is false, the signatory should so notify U.S. EPA. If any answer certified as true should be found to be untrue, the signatory can and may be prosecuted pursuant to 18 U.S.C. Section 1001.

Your reply to request for information under Section 104 of CERCLA and Section 3007 of RCRA should be sent to the address listed below:

U.S. Environmental Protection Agency
Gladys Watts, 5HS-12
230 South Dearborn Street
Chicago, Illinois 60604

As a PRP, you should also notify U.S. EPA in writing within 30 days of receipt of this letter of your willingness to perform or finance the activities described above. If U.S. EPA does not receive a timely response, U.S. EPA will assume that your organization does not wish to negotiate a resolution of its potential responsibility in connection with the Site and that your organization has declined any involvement in performing the response activities. Your letter should also indicate the appropriate name, address and telephone number for further contact with you.

If you are already involved in discussions with state or local authorities, engaged in voluntary clean-up action or involved in a lawsuit regarding this Site, you should continue such activities as you see fit. This letter is not intended to advise you or direct you to restrict or discontinue any such activities; however, you are advised to report the status of those discussions or actions in your response to this letter and to provide a copy of your response to any other parties involved in those discussions or actions. Your response letter should be sent to:

U.S. Environmental Protection Agency
Brad Bradley, 5HS-11
Remedial and Enforcement Response Branch
230 South Dearborn
Chicago, Illinois 60604

U.S. EPA would like to encourage good faith negotiations between you and the Agency and among you and other PRPs for the Site. To assist the PRPs in negotiating with U.S. EPA concerning this matter, U.S. EPA is providing a list of the names and addresses of any other PRPs to whom this or a similar notification is being or has been sent. This list is appended as Attachment II to this letter. It should be noted that inclusion on or exclusion from the list does not constitute a final determination by the Agency concerning the liability of any party for remediation of Site conditions or payment of past costs. Information regarding a ranking by volume and nature of

substances contributed by each PRP, as contemplated by Section 122(e)(4)(A), is not available at this time. An assembly of remedial action alternatives for the Site is appended for your information as Attachment III.

In order to effectively negotiate a settlement, it is important for the PRPs to organize themselves and establish a steering committee for negotiations. The U.S. EPA and IEPA would like to schedule a meeting with the PRPs to discuss the Site. The meeting is scheduled for 9:00 a.m. December 18, 1989 at the Americana Congress Hotel, 520 South Michigan Avenue, Chicago, Illinois (phone-(312) 427-3800).

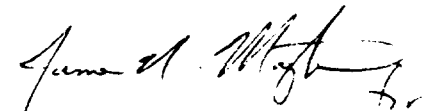
If you need further information regarding this letter, you may contact Brad Bradley of the Remedial and Enforcement Response Branch at (312) 886-4742. If you have an attorney handling your legal matters, please direct his or her questions to Steven Siegel of the Office of Regional Counsel, U.S. EPA, Region V, at (312) 353-1129.

By a copy of this letter, the U.S. EPA is notifying the State of Illinois and the Natural Resources Trustees, in accordance with Section 122(j) of CERCLA, of the Agency's intent to enter into negotiations concerning the implementation of remedial action at the Site, and is also encouraging them to consider participation in such negotiations.

It should be noted that the factual and legal discussions in this letter are intended solely to provide notice and information, and such discussions are not to be construed as a final agency position on any matter set forth herein.

The U.S. EPA strongly encourages you to submit a written response within the time frames specified herein and to take immediate steps to organize into a Committee or Committees to negotiate an agreement with U.S. EPA to undertake the remedial actions at the Site. We hope that you will give this matter your immediate attention.

Sincerely yours,



John Kelley, Acting Chief
Remedial and Enforcement Response Branch

Attachments

cc: Sheila Huff, DOI
William Seith, Assistant Attorney General
Ken Miller, IEPA
Mark Frech, IDOC
Don Etchison, IDENR
Don Vonnahme, IDOT

ATTACHMENT I

A. U.S. EPA has evaluated a body of evidence in connection with its investigation of the Site, including records from the State of Illinois, site investigation reports, State and federal legal agreements pertaining to the Site and surrounding properties, etc. Based on this evidence, U.S. EPA has information indicating that you are a potentially responsible party with respect to this Site. Specifically, U.S. EPA has reason to believe that you did, by contract, agreement, or otherwise, arrange for the disposal, treatment or transportation for disposal or treatment of hazardous substances found at the Site.

B. NL Industries, Inc. has conducted or is conducting the following studies and/or activities at the Site:

1. Remedial Investigation - to determine the nature and extent of contamination at the Site.
2. Feasibility Study - to evaluate the feasibility of possible alternatives to remediate the Site contamination identified during the Remedial Investigation.

ATTACHMENT I

A. U.S. EPA has evaluated a body of evidence in connection with its investigation of the Site, including records from the State of Illinois, site investigation reports, State and federal legal agreements pertaining to the Site and surrounding properties, etc. Based on this evidence, U.S. EPA has information indicating that you are a potentially responsible party with respect to this Site. Specifically, U.S. EPA has reason to believe that you own or leases or formerly owned or leased property which comprises the NL Industries/Taracorp Site.

B. NL Industries, Inc. has conducted or is conducting the following studies and/or activities at the Site:

1. Remedial Investigation - to determine the nature and extent of contamination at the Site.
2. Feasibility Study - to evaluate the feasibility of possible alternatives to remediate the Site contamination identified during the Remedial Investigation.

NOV 28 1989

SHS-11

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: NL Industries/Taracorp-Granite
City Illinois Site ("the Site")

Dear Sir/Madam:

The United States Environmental Protection Agency (U.S. EPA) has documented the release or threatened release of hazardous substances, pollutants and/or contaminants at the above referenced Site. A Remedial Investigation/Feasibility Study (RI/FS) has been initiated at the Site pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. Section 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986, Public Law 99-499 (CERCLA). The RI/FS is being prepared by NL Industries, Inc. pursuant to an Administrative Order by Consent (AOC).

Pursuant to its authority under Section 104(a) of CERCLA, U.S. EPA is issuing this general notice letter to notify you of potential liability which you may have incurred with respect to the Site, and to provide you with an opportunity to enter into negotiations to voluntarily undertake the completion of any future remedial actions. Since a RI/FS is currently ongoing at the Site, special notice procedures pursuant to Section 122(e) of CERCLA are not being used at this time, but may be used in the future. Before initiating a remedial action at the facility, U.S. EPA may, in its discretion, determine that a moratorium period for formal negotiations as set forth in Section 122(e) would facilitate agreement and expedite remedial action. As noted below, completion of the RI/FS is anticipated for January 1990 at which time the Agency may issue a special notice letter to initiate the moratorium period for settlement negotiations.

The Remedial Investigation (RI) Report, which describes the findings on the nature and extent of contamination at the Site, was finalized in January 1989. The Feasibility Study (FS) Report, which evaluates various remedial alternatives for the Site, is expected to be released in January 1990. A Proposed Plan identifying U.S. EPA's and IEPA's preferred remedial action for

the Site will also be available in January 1990. Following the release of the FS Report and the Proposed Plan, a public comment period will be held by U.S. EPA and the Illinois Environmental Protection Agency (IEPA). Subsequent to the public comment period, the Regional Administrator will issue a Record of Decision (ROD) selecting the appropriate remedial action for the Site. Unless the U.S. EPA determines that a potentially responsible party (PRP) will voluntarily undertake the remedial action necessary at the Site, U.S. EPA is authorized by Section 104 of CERCLA to undertake the remedial action itself and under Section 107 of CERCLA to seek reimbursement from PRPs of all costs incurred in connection with the action taken. Such costs may include, but are not limited to, expenditures for investigation, planning, response and enforcement activities. Moreover, under Section 106 of CERCLA, U.S. EPA may order responsible parties to implement those relief actions deemed necessary by U.S. EPA to protect public health, welfare or the environment.

Responsible parties under Section 107 of CERCLA include: current owners and operators of the Site, former Site owners and operators at the time of disposal of hazardous substances, persons who owned or possessed hazardous substances and arranged for disposal, treatment, or transportation of such hazardous substances and persons who accepted hazardous substances for transportation for disposal or treatment to a facility selected by such transporter. U.S. EPA has information indicating that you are a PRP with respect to the Site. The information utilized in identifying PRPs at the site is briefly summarized in Paragraph A of Attachment I of this letter.

By this letter, U.S. EPA notifies you of your potential liability with regard to this matter and encourages you, as a potentially responsible party, to voluntarily perform or finance the response activities that U.S. EPA has determined or will determine are required at the Site.

Under the AOC, NL Industries, Inc. has already undertaken certain actions in response to conditions at the Site. These response actions are summarized in Paragraph B of Attachment I to this letter.

U.S. EPA is currently planning to conduct the following additional response activities at the Site:

- (1) Design and implementation of the remedial action selected and approved by U.S. EPA and IEPA for the Site; and
- (2) Provision of any monitoring, operation and maintenance necessary at the Site after the remedial action is completed.

In addition to those activities enumerated above, U.S. EPA may, pursuant to its authorities under CERCLA, decide that other clean-up activities are necessary to protect public health, welfare and the environment.

U.S. EPA is seeking to obtain certain other information that you may have pursuant to its authority under Section 104 of CERCLA, 42 U.S.C. Section 9604, and Section 3007 of the Resource Conservation and Recovery Act (RCRA) as amended, 42 U.S.C. Section 6927, for the purpose of enforcing CERCLA and RCRA and for the purposes of assisting in determining the need for response to a release of hazardous substances(s) under CERCLA. The Administrator of the U.S. EPA has the authority to require any person who generates, stores, treats, transports, disposes, arranges for the disposal of, or otherwise handles hazardous wastes and hazardous substance, as those terms are defined in Section 1004(5) of RCRA, 42 U.S.C. Section 6903(5) and Section 101(14) of CERCLA, 42 U.S.C. Section 9601(14), to furnish U.S. EPA with information related to such activities. Pursuant to these statutory provisions, you are hereby requested to submit the information requested below.

1. Copies of all shipping documents or other business documents relating to the transportation, treatment, storage or disposal of waste materials or substances at the above reference Site.
2. A detailed description of the generic common and/or trade name and the chemical composition and character (i.e. liquid, solid, sludge) of the waste material offered by you for transportation to, treatment storage or disposal at the above referenced Site.
3. For each hazardous substance identified above, please give the total volume, in gallons for liquids and in cubic yards for solids, for which you arranged treatment or disposal, and list when treatment or disposal occurred.
4. What arrangements were made to transport your hazardous substances to the above referenced Site? What type of transportation was used (i.e. tankers, dump trucks, drums)?
5. Who was the transporter of your hazardous substances, what was his previous address, and what is his current address?
6. Copies of all records, including analytical results, which indicate the chemical composition and/or chemical character of the waste material(s) transported to, treated, stored or disposed of at the above referenced Site or offered for transportation to, treatment storage or disposal at the Site.
7. A statement of your ownership or lease history of property within a half mile radius of the NL Industries/Taracorp-Granite City, Illinois Site, including size of property owned/leased, dates of ownership/leasing, name and current address of lessor, previous owner/lessee, and if sold, name and current address of person to whom the property was sold.

8. A statement of whether or not waste materials were ever dumped, spilled, buried, disposed of, or allowed to leak on the property described in response to request #7 above during the period you owned/leased said property. If so, requests #1, #2, #3, and #6 must be answered for all such waste materials for these activities on the property you owned/leased, not "to the above-referenced site". Additionally, if you did not cause or allow the dumping, spillage, burial, disposal, or leakage of waste materials on the property you own(ed)/lease(ed), indicate the name(s) and present address(es) of the person(s) who did.
9. A statement of whether or not any waste materials, any drums, tanks, or containers of waste materials, or soils, sediment, or surface waters contaminated with waste materials have been removed from the property described in response to request #7 above during the period you owned/leased said property. If so, requests #1 through #6 must be answered for all such waste materials for these activities from the property you owned/leased, not "to the above - referenced Site".
10. Any additional information which may help U.S. EPA to identify other companies or individuals that transported or arranged for the transportation of waste materials to the Site.
11. A list of all individuals responsible for obtaining the information included in or who participated in preparing your response to this request for information.

To assist you in answering this request, the information sought pertains to any and all information in your possession, custody or control relating to the operation of the above referenced Site and to the transportation, storage, treatment or disposal of hazardous substances or the generation of hazardous substances which were ultimately treated or disposed of or offered for disposal or treatment at the NL Industries/Taracorp-Granite City, Illinois Site. The relevant time period for this request is from the first time waste was handled or received at the Site through the present.

For purposes of this information request, "shipping documents" shall mean all contracts, agreements, purchase orders, requisitions, pick-up or delivery tickets, customs forms, freight bills, shipping memoranda, order forms, weight tickets, work orders, manifests, shipping orders, packing slips, bills of lading, invoices, bills and any other similar documents that evidence discrete transactions involving shipment, or the arrangement for shipment, of waste materials to, through, or from, the above referenced Site. "Waste materials" shall mean hazardous substances, solid wastes and hazardous wastes, and other materials which may or may not contain pollutants or contaminants, and shall include reclaimed and off-specification materials of any kind.

The information sought herein must be sent to U.S. EPA with thirty (30) calendar days of your receipt of this letter. This information may be used by U.S. EPA in any civil, administrative, or criminal proceeding. Under Section 3008 of RCRA, 42 U.S.C. Section 6928, failure to comply with this request may result in an order requiring compliance or in a civil action for appropriate relief. These provisions also provide for civil penalties. Failure to comply with this request under Section 104 of CERCLA, 42 U.S.C. Section 9604 may result in a civil enforcement action being brought against you by U.S. EPA. An enforcement action may include the assessment of penalties of up to \$25,000 per day for each day of continued noncompliance.

The information requested herein must be provided notwithstanding its possible characterization as confidential information or trade secrets. You may request, however, that any such information be handled as confidential business information. A request for confidential treatment must be made when the information is provided, since any information not so identified will not be accorded this protection by the U.S. EPA. Information claimed as confidential will be handled in accordance with the provisions of 40 C.F.R. Part 22.

The written statements submitted pursuant to this request must be notarized and submitted under an authorized signature certifying that all information contained therein is true and accurate to the best of the signatory's knowledge and belief. Moreover, any documents submitted to Region V pursuant to this information request should be certified as true and authentic to the best of the signatory's knowledge and belief. Should the signatory find, at any time after the submittal of the requested information, that any portion of the submittal of the requested information is false, the signatory should so notify U.S. EPA. If any answer certified as true should be found to be untrue, the signatory can and may be prosecuted pursuant to 18 U.S.C. Section 1001.

Your reply to request for information under Section 104 of CERCLA and Section 3007 of RCRA should be sent to the address listed below:

U.S. Environmental Protection Agency
Gladys Watts, 5HS-12
230 South Dearborn Street
Chicago, Illinois 60604

As a PRP, you should also notify U.S. EPA in writing within 30 days of receipt of this letter of your willingness to perform or finance the activities described above. If U.S. EPA does not receive a timely response, U.S. EPA will assume that your organization does not wish to negotiate a resolution of its potential responsibility in connection with the Site and that your organization has declined any involvement in performing the response activities. Your letter should also indicate the appropriate name, address and telephone number for further contact with you.

If you are already involved in discussions with state or local authorities, engaged in voluntary clean-up action or involved in a lawsuit regarding this Site, you should continue such activities as you see fit. This letter is not intended to advise you or direct you to restrict or discontinue any such activities; however, you are advised to report the status of those discussions or actions in your response to this letter and to provide a copy of your response to any other parties involved in those discussions or actions. Your response letter should be sent to:

U.S. Environmental Protection Agency
Brad Bradley, SHS-11
Remedial and Enforcement Response Branch
230 South Dearborn
Chicago, Illinois 60604

U.S. EPA would like to encourage good faith negotiations between you and the Agency and among you and other PRPs for the Site. To assist the PRPs in negotiating with U.S. EPA concerning this matter, U.S. EPA is providing a list of the names and addresses of any other PRPs to whom this or a similar notification is being or has been sent. This list is appended as Attachment II to this letter. It should be noted that inclusion on or exclusion from the list does not constitute a final determination by the Agency concerning the liability of any party for remediation of Site conditions or payment of past costs. Information regarding a ranking by volume and nature of substances contributed by each PRP, as contemplated by Section 122(e)(4)(A), is not available at this time. An assembly of remedial action alternatives for the Site is appended for your information as Attachment III.

In order to effectively negotiate a settlement, it is important for the PRPs to organize themselves and establish a steering committee for negotiations. The U.S. EPA and IEPA would like to schedule a meeting with the PRPs to discuss the Site. The meeting is scheduled for 9:00 a.m. December 18, 1989 at the Americana Congress Hotel, 520 South Michigan Avenue, Chicago, Illinois (phone-(312) 427-3800).

If you need further information regarding this letter, you may contact Brad Bradley of the Remedial and Enforcement Response Branch at (312) 886-4742. If you have an attorney handling your legal matters, please direct his or her questions to Steven Siegel of the Office of Regional Counsel, U.S. EPA, Region V, at (312) 353-1129.

By a copy of this letter, the U.S. EPA is notifying the State of Illinois and the Natural Resources Trustees, in accordance with Section 122(j) of CERCLA, of the Agency's intent to enter into negotiations concerning the implementation of remedial action at the Site, and is also encouraging them to consider participation in such negotiations.

It should be noted that the factual and legal discussions in this letter are intended solely to provide notice and information, and such discussions are not to be construed as a final agency position on any matter set forth herein.

The U.S. EPA strongly encourages you to submit a written response within the time frames specified herein and to take immediate steps to organize into a Committee or Committees to negotiate an agreement with U.S. EPA to undertake the remedial actions at the Site. We hope that you will give this matter your immediate attention.

Sincerely yours,

John Kelley, Acting Chief
Remedial and Enforcement Response Branch

Attachments

cc: Sheila Huff, DOI
William Seith, Assistant Attorney General
Ken Miller, IEPA
Mark Frech, IDOC
Don Etchison, IDENR
Don Vonnahme, IDOT

bcc: S. Siegel, 5CS-TUB-04
B. Kush, IL/IN #3

BB:dc:WMD:OSF:RERB:IL/IN:UNIT#3:11/01/89

BB 11/27/89

BOK

11/27/89

Am 11/27/89

ATTACHMENT I

A. U.S. EPA has evaluated a body of evidence in connection with its investigation of the Site, including records from the State of Illinois, Site investigation reports, State and federal legal agreements pertaining to the Site and surrounding properties, etc. Based on this evidence, U.S. EPA has information indicating that you are a potentially responsible party with respect to this Site. Specifically, U.S. EPA has reason to believe that you are the owner/operator of the Site as defined in Section 101(20)(A) of CERCLA, 42, U.S.C. Section 9601 (20)(A).

B. NL Industries, Inc. has conducted or is conducting the following studies and/or activities at the Site:

1. Remedial Investigation - to determine the nature and extent of contamination at the Site.
2. Feasibility Study - to evaluate the feasibility of possible alternatives to remediate the Site contamination identified during the Remedial Investigation.

Attachment II
Other PRPs Receiving Notification

Names and Addresses of Supplier of
Non-Virgin Material to Granite City, Illinois

A. Miller & Company	PO Box 695 Peoria, Illinois 61652
A. Tenenbaum	4500 Bethany Road N. Little Rock, AR 72117
Aaron Ferer & Sons Co.	POB 6478 Church St. Station NY, NY 10249
A.B.F. Metal Co.	St. Louis, MO.
Ace Comb Company	West 2nd Street, Booneville, AR 72927
Ace Scrap Metal Processors	3100 N. Broadway St. Louis, MO. 63147
Acme Battery Manufacturing Company	3340 Morganford St. Louis, MO. 63110
Acro Sales & Engineering, Inc.	W 137 N. 5540 Williams Place, Menomonee Falls WI 53051
Active Metal Company	5150 16th Street, Detroit, MI 66208
Aetna Metals, Inc.	13535, Helen Street, Detroit, MI 48212
Afram Bros, Co.	900 South Water Street, Milwaukee, WI 53204
Allied Metal Company	2059 South Canal Street, Chicago, Il 60616
Alter Company	2333 Rockingham Road, Davenport IA 53808
Alumax Foils	No address given

Amax Lead and Zinc¹

Amax Inc./Amax Lead and Zinc
200 Park Avenue
NY, NY 10166

American Can Co.

755 Prior Avenue
St. Paul, MN 55104

American Industrial
Linings, Inc.

1390 Kingsland Avenue
St. Louis, MO. 63133

American Smelting &
Refining Company

120 Broadway,
NY, NY 10005

Ametalco Inc.

Amax Inc./ Ametalco Inc.
200 Park Avenue
NY, NY 10166

Andersen Steel, Inc.

POB 448
Fairfield, IA 52566

Anzon America, Inc.

Freehold, NJ

A.O. Smith Corp.

POB 28
Kankakee, IL

Asarco, Inc.²

POB 7019
Church Street Station,
NY, NY 10008

Astron Manufacturing Co.

12th and Mc Kinney Streets
Chicago, IL

Associated Metals &
Minerals corp

733 Third Avenue
NY, NY 10017

Baker Iron & Metal

Box 11040
Lexington, KY 40511

Barter Machinery & Supply Co.

215 Santa Fe Drive
Denver, CO 80223

¹ Amax Lead and Zinc receipts were as follows: 12 receipts of "corroding" lead; 1 of Anodes; 12 of Scrap Anodes; 1 of AG Dross; 1 of AG Scrap; 1 of Desilverized lead; 1 of Scrap Silver Lead.

² Asarco, Inc. supplied mainly virgin materials but also "common lead" and 2 Bdl's of lead - type unspecified.

Batco Inc.	7777, Bon Homme Clayton, MO 63105
Bear Manufacturing	PO Box 10159 Rock Island, IL 62201
Becker Metals Corp.	PO Box 14008-B St. Louis, MO 63178
Bell City Battery Company	915 South Charles Street Belleville, IL 62221
Ben Greenberg Co.	POB. 450 Dyersburg, TN 38024
Benjamin Air Rifle Co.	1525 South 8th Street, St. Louis, MO 63104
Berlinski & Sons	POB 733 Juliet, IL 60434
Bill Bergmeyer	R.R.2 Box 238 Bowling Green, MO 63334
Billiton Metals & Ores	POB 1156 Church St. Station NY, NY 10249
Bill's Auto Parts	471 South Capital Ave. Gerydon, IN 47112
Bill's Salvage	POB 398 Cobden, IL 62920
Billy Morrow	Box 132 Hurdland, MO 63547
Bob Keller Batteries Warehouse	2671 Washington St. Louis, MO 63103
Briggs Used Auto Parts	7 W. Buckeye Casey, IL 62420
Bunker Hill Company	Pintlar Corp/Bunker Hill Company 505 Front Ave., Suite 303 PO Box 2199 Coeur d'Alene Idaho 83814
Burlington	Granite City

Bussman Manufacturing Company a division of Mc Graw-Edison Co.	2536 W. University St. Louis, MO 63107
Call Pub. Co. Inc.	9, N. Division Street, Duquoin, IL 62832
Campbell Soup	Campbell Place Camden, NJ 08101-0391
CBC Inc.	3001, Fairfax Traffic Way Kansas City, KS 66115
Central Iron & Metal Company	PO Box 1180 Springfield, IL 62705
Central Salvage	1433 NW 5th Street Oklahoma City, OK 73106
Central Waste Materials	1510 N. Broadway St. Louis, MO.
Centritech Corporation	PO Box 14552 Houston, TX 77021
Cerro Copper Products	PO Box 93739 Chicago, IL 60670
Chanen's Inc.	PO Box 766 Quincy, IL 62301
Charles W. Johnson	503 N. Sangamon Lincoln, IL 62656
Chemetco	PO Box 187 Alton, IL 62002
Chicago Battery	No address given
Chrysler Corp.	1001 N. Highway Drive Fenton, MO 63026
C.L. Downey Company	9th and Colfax Avenue Hannibal, MO 63401
CNC Industries, Inc.	330 Crossen Elk Grove Village, IL 60007
Comfort Printing and Stationery Co.	1611 Locust Street St. Louis, MO 63106

Cominco Ltd ³	1) POB 93929 Chicago, IL 60676
	2) 120 Adelaide St. West Toronto, Ontario Canada M5H 1T1
Commercial Metals Co.	P.O. Box 1046 Dallas, TX 75221-1046
Consolidated Wastes Material	6730 Wilson Road Kansas City, MO 64125
Continental Can Company	800 Connecticut Ave. P.O. Box 5410 Norwalk, CT 06856
Cosco Graphics	11548 Adie Road Maryland Heights, MO.
Crown Cork & n Seal Co.	3501 West 31st Street Chicago, IL 60623
D. Pollack & Sons	1509 West Cortland Chicago, IL 60622
Del Rich Battery & Metal Co.	510 Schmidt Road Davenport, IA 52808
Delco-Remy; Division of General Motors Corp.	General Motors Corporation/ Delco Remy Division 3031 West Grand Blvd. P.O. Box 33122 Detroit, MI 48232
Delta Metals & Paper Recycling, Inc.	1436 Mullanphy St. Louis, MO 63106
Diversified Metals	1034 S. Brentwood Blvd. Richmond Heights, MO 63117
Don Hibbeler	12814 Sycamore Lane Palos Heights, IL 60463

³ Cominco Ltd. receipts as follows: 6 of Corroding Lead; 1 of Virgin Lead; 6 of Antimonial Lead; 10 of Antimony; 10 of Lead.

Dudley Auto Radiator	1509 7th Street Madison, IL
Ed Parkinson	129 South Ely Mounds, IL 62964
Edwardsville Intelligencer	117 N. 2nd Street Edwardsville, IL 62025
E.J. Pfeifer Iron & Metal	522 S. First Stockton, KS 67669
Elden R. Erickson & Sons, Inc.	5383 Swanson Road Roscoe, IL 61073
Equipment Engineering Company	No address given
ESB Inc.	Exide Corp./ESB Inc. P.O. Box 14205 Reading, PA 19162-4205
Essex Group	N. Manchester
Fabricators Int.	No address given
Farmland	No address given
Far West Sport	13313 Reeder Road S.W. Olympia, WA 98502
Federal Alloys Corp.	2930 Denton Street Detroit, MI 48211
Federal Cartridge Corporation	1) 9th and Tyler Street Anoka, MN 55303 2) Buick, MO 3) Omaha, NE
Federal Iron & Metal	6820 St. Charles Rock Road St. Louis, MO 63133
Feinberg Bros. Iron & Metal	1335 Cypress Kansas City, MO 64127
Finer Metal Co.	5900 Manchester Ave. St. Louis, MO 63110
Fisher Body Division of General Motors Corporation	General Motors Corporation/ Fisher Body Division 3031 West Grand Blvd.

	P.O. Box 33122 Detroit, MI 48232
Ford Motor Company	Parklane Towers West Suite 401 One Parklane Blvd Dearborn, MI 48126
Fundamental Metals & Minerals	30 Rockefeller Plaza Suite 1933 New York, NY 10020
Gary's Metal	RR 3, Box 290 Carterville, IL 62918
Gebco	Granite City, IL
General Battery Corp.	Exide Corp./General Battery Corp. POB 14205 Reading, PA 19162-4205
General Motors Corporation	3031 West Grand Blvd. P.O. Box 33122 Detroit, MI 48232
General Waste Products, Inc.	201 South 7th Ave. Evansville, IN 47730
Globe Union	Johnson Controls Inc/ Globe Union 5757 N. Green Bay Avenue P.O. Box 591 Milwaukee, WI 53201
Glosser Metal Company	P.O. Box 114 Hidalgo, IL 62432
Gopher Smelting & Refining	3385 Highway 49 St. Paul, MN 55121
Gould Inc.	Ten Gould Center Rolling Meadows, IL 60008
Graham Metal Corporation	412 Graham Avenue Benton Harbor, MI 49022
Great Lakes Carbon Corporation	P.O. Box 86 St. Louis, MO 63166

Grossman Metals Corp.	5 North Market Street St. Louis, MO 63102
GSA	No address given
GT Metals	Rd. 4, Box 400-B Muskogee, OK 74401
H. Brecker & Son	P.O.B. 28 Platteville, WI 53818
H.C. Duke & Son, Inc.	2116 Eighth Ave. East Moline, IL 61244
Henry Rautbort	517 West VanBuren Clinton, IL 61727
Highland Park Waste Material	1466 Berkeley Road Highland Park, IL 60035
Houston Salvage	1355 West Highway 17 Houston, MO 65483
H.S. Kaplan Scrap Iron & Metal	P.O.B. 3626 St. Paul, MN 55165
Hunter's Reloading Supply	1210 St. Michael Street Cahokia, IL 62206
ICC Metals Co.	New York, NY
Imperial Smelting Corporation	1031 E. 103rd Street Chicago, IL 60628
Indussa	New York, NY
Industrial Chemicals Corp.	720 5th Avenue New York, NY 10019
Inland Metals Refining Co.	651 East 119th Street Chicago, IL 60628
InterCity Metal Co.	8400 Truman Road Kansas City, MO
Intsel Corporation	835 3rd Avenue New York, NY 10022
J. Soloman & Sons	17th and Cedar Street Cairo, IL 62914

J. Trockman & Sons, Inc.	Highway 41 South Evansville, IN 47702
James H. Tessem	1705 N.E. Perry Peoria, IL 61603
Jay Metal Processing	1302 NE 29th Forth Worth, TX 76106
Johnson Metal Co.	3056 Hamilton Ave. Racine, WI 53403
Kamen Iron & Metal Co.	P.O. Box 485 Wichita, KS 67214
Kansas City Battery Company	744 Southwest Blvd. Kansas City, KS 66103
Kemco Metal Processing	123 Byasse Drive Hazelwood, MO 63042
Kennecott Refining Corp.	Baltimore, MD
Kraft Chemical Company	917 West 18th Street Chicago, IL 60508
K.W. Battery ⁴	3555 Howard Street Skokie, IL 60076
L. Kahn & Son	P.O. Box 569 Havanna, IL
LaSalle Steel Co.	1412 E. 150th Street Hammond, IN 46327
Ladyman Engineering Enterprises	723 Kirkwood Drive Dallas, TX 76128
Larry Good & Company	260 Old State Road Ellisville, MO 63011
Lefton Iron & Metal Company	P.O. Box 219 East St. Louis, IL 62202
Leslie Cooper Battery & Metal	P.O. Box 4166 Davenport, IA 52808

⁴ Present communications address for K.W. Battery: c/o Janice M. Edwards, Mc Dermott Will & Emery, 111 West Monroe Street, Chicago IL 60603.

Lissner Corporation	1000 North Branch Chicago, IL 60622
Lopez Scrap Metal, Inc.	P.O. Box 17741 El Paso, TX 79917
M. Gervich & Son, Inc.	707 E. Nevada Street P.O. Box 67 Marshalltown, IA 50158
M. Katch	Topeka, KS
M. Ruben Metal Co.	2416 So. Archer Ave. Chicago, IL 60616
MacGlashen Enterprises	1641 So. Sinclair Anaheim, CA 92806
Madewell & Madewell ⁵	P.O. Box 386 Jones, OK 73049
Madewell Metals Corporation	310 Shawnee Bypass Box 1432 Muskogee, OK 74401
Madison Scale	Madison, IL
Mallin Bros. Co.	3211 Gardner Avenue Kansas City, MO 64120
Marchem Resources, Inc.	P.O. Box 35361 Houston, TX 77035
Marco Steel Supply	302 S. Market St. Champaign, IL 61820
Mardians, Inc.	P.O. Box 370 Mobridge, SD 57601
Max Schwartzman & Sons, Inc.	2905 North Ferry Anoka, MN 55303
McDonnell - Douglas	No address given

⁵ Present communications address for Madewell & Madewell: c/o Wesley C. Fredenburg, Esq., Crowe & Dunlevy, 1800 Mid-American Tower, 20 North Broadway, Oklahoma City OK 73102.

McGraw - Edison Co.	502 Earth City Plaza P.O. Box 14460 St. Louis, MO 63178
McKinley Iron Co.	3620 North Hall Street St. Louis, MO 64147
Meyer Battery Service	1004 E. 12th Street Joplin, MO
Mid-Missouri Metal	P.O. Box 247 Wentzville, MO 63385
Mike Fanow	2815 Park Place West, Cano, IL 62914
Milford Rivet & Machine Co.	111 Taylor Street Elyria, OH 44035
Minera Mexico International	P.O. Box 4452 New York, NY
Minor Metals, Inc.	New York, NY
Missouri Iron & Metal	754 S. 4th St. St. Joseph, MO 64501
Mitachi	No address given
Modern Printing Company	2617 Oliver Street St. Louis, MO 63103
Modine Manufacturing Co.	1500 Dekoven Avenue Racine, WI 53401
Morris Tick Company, Inc.	501 East Stewart Bloomington, IL 61701
M.S. Kaplan Company	111 East Wacker Drive Chicago, IL 60601
Murphysboro Iron & Metal	1700-1900 Gartside Murphysboro, IL 62966
Nassau Recycle Corp.	AT&T/Nassau Recycle Corp. Room 3WA-148 1 Oakway Berkley Heights, NJ 07922

Nassau Smelting & Refining Corp.	At&T/Nassau Smelting & Refining Corp. Room 3WA-148 1 Oakway Berkley Heights, NJ 07922
National Can Corp.	8101 Higgins Road Chicago, IL 60631
National Metal Company	8339 Lowell Avenue Skokie, IL 60076
National Typographers Inc.	914 Pine Street St. Louis, MO 63101
New Castle Junk Co.	New Castle, PA
New Orleans Public Service, Inc.	P.O. Box 60340 New Orleans
Norms Metal Co.	Louisville, KY
Northbrook Sports Club	Northbrook, IL
Northern Metals Inc.	70 Dock Street St. Louis, MO 63147
Northwestern Bell Telephone Co.	100 S.W. 9th Ave. New Brighton, MN
Northwestern Iron & Metal	438-440 Lake Ave. South Duluth, MN 56802
O'Dell Iron & Metal	100 State Street Madison, IL 62060
Ohio New & Rebuilt	P.O. Box 328 Wapakonite, OH 45859
Okon Iron & Metal Co.	4801 South Lamar P.O. Box 15724 Dallas, TX 75215
Olin Corp.	East Alton, IL 62024
Otis Radio Electric Corp.	1102 Silver Lake Cary, IL 60013
Otto Lerch	415 Hillsboro Farmington, MO 63640

Overland Metals, Inc.	8510 Lackland Road Overland, MO 63114
Palmer-Johnson	No address given
Parkans International Inc.	P.O. Box 15519 5221 Armour Drive Houston, TX 77020
Peoria Battery	Peoria, IL
Pet, Inc.	400 South 4th Street St. Louis, MO 63166
Phelps Dodge	El Paso, TX
Philipp Bros.	1) 8131 Monticello Avenue Skokie, IL 60076 2) 1221 Ave. of the Americas New York, NY 10020
Piolet Bros.	P.O. Box 12 McCook, IL 60525
Plumbing Joint Apprenticeship Training Committee	5733 Elizabeth Ave. St. Louis, MO 63110
Prairie Steel Co.	P.O. Box 284 Havana, IL 62644
Prestolite Batteries	Allied Signal Inc./ Prestolite Batteries P.O. Box 2545R Morristown, NJ 07960-2245
Price Watson Company	1909 No. Clifton Ave. Chicago, IL 60614
Ramak Industries Division of Equipment Engineering Company	P.O. Box 18363 Memphis, TN 38118
Ranken Technical Institute	4431 Finney Ave. St. Louis, MO
Ray-Bar Engineering Corp.	Azusa, CA
Red Diamond Manufacturing Company	RR 2, Box 828 Hot Springs, AR 71901

Redfield Iron & Metal	ZR 359 Redfield, SD 57469
Reeves Scrap Metal	6900 Brush Island Road No. Little Rock, AR 72117
Reinert-Preisler Electrotype Co.	914 Pine Street St. Louis, MO 63101
Reliance Battery Co.	2204 South 8th Street Council Bluffs, IA 51501
Remington Arms Company; U.S. Army Armament Command	Independence, MO 64050
Reve International	6122 W. 55th Ave. Arvada, CO
Rex Curtsinger, Sr.	2204 E. Main Street Decatur, IL 62521
Reynolds Electric ⁶	Granite City, IL
Rifkin Scrap Iron & Metal Co.	1445 N. Niagara Saginaw, MI 48602
Romak Industries	P.O. Box 396 Olive Branch, MS
Rosen Metals	P.O. Box 121 Baldwin, WI 54002
Roth Brothers	P.O. Box 158 E. Syracuse, NY
Ruben Metal Co., Inc.	2415 So. Archer Ave. Chicago, IL
S & R Metal Co.	5845 So. May Street Chicago, IL 60621
Salvage Battery & Lead Co.	P.O. Box 179 Mishicot, WI 54228
Sam Allen & Son, Inc.	P.O. Box 2 Pontiac, MI 48056

⁶ Reynolds Electric supplied grade "B" lead - specification unknown.

Samencorp Inc.	445 Park Avenue New York, NY 10022
Samuel Hide & Metal	86 East Hunt Pargould, AR
Sanders Lead Co., Inc.	P.O. Drawer 707 Troy, AL 36081
Scheer Shooting Supplies, Inc.	330 West Eagle Arlington, NE 68002
Schwartz Metal Processors and Traders	P.O. Box 218 Marshalltown, IA
Seidenfeld & Son Iron & Metal	401 S.E. 7th Street Des Moines, IA 50309
S & G Metal Industries, Inc.	P.O. Box 2039 Kansas City, KS 66110
Shanfeld Bros.	70 Dock Street St. Louis, MO 63147
Shanke Metals, Inc.	1410 Pierce Ave. St. Louis, MO 63110
Shapiro Sales Co.	5040 North 2nd Street St. Louis, MO 63147
Sherwin Williams Co. Container Division	1717 Gifford Road Elgin, IL 60129
Shostak Iron & Metal	7th and Kindelberger Rd. Kansas City, KS 66115
Sioux City Compressed Steel	214 Court Street Sioux City, IA 51101
Sol Alman Co.	1300 East 9th Street POB 2244 Little Rock, AR 72203
Sol Tick & Co. Inc.	901 Eldorado Street Box 30 Decatur, IL 62525

South Side Machine Works, Inc.	3761 Eiler Street P.O. Box 22199 St. Louis, MO
Southern Iron & Supply Co.	6326 So. Broadway St. Louis, MO 63110
Southside Machine Shop	3761 Eiler Street St. Louis, MO 63116
Southwestern Bell Telephone Co.	15400 E. Truman Road Independence, MO 64050
Spartan Printing Company; Division of World Color Press, Inc.	2nd and Dickey Street Sparta, IL 62286
Springfield Battery Co.	3000 East Cook Springfield, IL 62707
St. Joe Lead ⁷	250 Park Avenue New York, NY 10017
St. Louis Bottle Iron & Metal Co.	2039 Cole Street St. Louis, MO 63107
St. Louis Law Printing Co.	812 Arcade Building St. Louis, MO 63101
Standard Lead Co.	15396 Idaho Detroit, MI 48238
Standard Storage Battery Co.	2286 Capp Road St. Paul, MN
Stanford Linear Accelerator	P.O. Box 4349 Stanford, CA 94305
Stanley Toebben	Route 5 Jefferson City, MO 65101
Steel Baling Co. Inc.	1901 Converse, P.O. Box 408 E. St. Louis, IL 62202
Straightway Iron & Metal Co.	1936 Cole Street St. Louis, MO 63106

⁷ St. Joe supplied "corroding" and "pig" lead (pure) but also "Doe Run" and "chemical" brands - specification unknown.

Superior Typesetting Company	1709 Washington Ave. St. Louis, MO 63101
Suppo Smelting & Refining Co., Inc.	1240 West Carroll Ave. Chicago, IL 60607
Shur-Start Battery Company	6767 St. Charles Rock Road St. Louis, MO 63133
Swan Rubber Co.	Rt. #2 Stillwater, OK
Texas Mining & Smelting	P.O. Box 559 Laredo, TX 78041
T.G. Marshall Manufacturing Co.	4326 Riverline Drive Earth City, MO 63045
Tri-City Scrap Company	P.O. Box 21199 Louisville, KY 40221
Turner Salvage Co.	Route 1, Box 101 Moorehead, MN 56560
Union Compressed Steel	5200 Main Street Duluth, MN 55807
Union Scrap Co.	210 15th Ave. North Minneapolis, MN 55411
United Scrap Lead	P.O. Box 25 Troy, OH 45373
Unique Art Glass	3649 Market Street St. Louis, MO 63110
University of Illinois at Urbana	223 Administration Bldg. Urbana, IL 61801
U.S. Scrap & Metal Company	P.O. Box 1484 550 Southside Drive Decatur, IL 62526
U.S. Supply Company	901 Farnam Street Omaha, NE 68102
U.S.S. Lead Refinery Inc.	5300 East Kennedy Ave. E. Chicago, IN 46312

Versatile Metals.

P.O. Box 97728
Chicago, IL 60690

Vince Jacks Iron & Metal Co.

6609 Manchester Ave
St. Louis, MO 63139

Vincent Brass & aluminum

3334 Rand Road
Indianapolis, IN 46241

Waddell Brothers Metal Company

P.O. Box 338
Blue Grass, IA 52726

West End Hide & Fur

Box 1578
Jamestown, ND 58410

Western Electric Co.

A T & T/ Western Electric Co.
Room 3WA-148
1 Oakway
Berkeley Heights, NJ 07922

Western Gun & Supply

P.O. Box 1848
Grand Island, NE 68801

Westerville Creamery Co.

400 Hazel Street
Covington, OH 45318

Wicks Organ Company

1100 Fifth Street
Highland, IL 62249

William S. Lasich & Sons

3315 West Point
Collinsville, IL 62234

Wisconsin Lead Co.

5116 Lincoln Ave.
Milwaukee, WI 53219

Young Radiator Co.

2825 Four Mile Road
Racine, WI 53404

Owners/Operators - Past and Present

B.v. & G Transport Co.

John W. Crown
VP, Gen. Mgr.
P.O. Box 723
Granite City, IL 62040

NL Industries, Inc.

J. Landis Martin, President
3600 Sam Houston Parkway, East
Houston, TX 77032

St. Louis Lead Recyclers

Jim Stack and L. Keith Brunner
Stackorp 124 E. Third Street,
P.O. Box 280 Suite 300
Granite City, IL Dayton, OH
62040 45402

Taracorp, Inc.

Stanton Sobel, Executive V.P.
900 Ashby Street
Atlanta, GA 30318

Trust 454

First Granite City National Bank
Trust Officer
1960 Edison Avenue
Granite City, IL 62040

ATTACHMENT III

ASSEMBLY OF REMEDIAL ACTION ALTERNATIVES

Attached is Section 3 - Development of Remedial Alternatives from the August 1989 draft Feasibility Study for the NL Industries/Taracorp-Granite City, Illinois Site

SECTION 3 DEVELOPMENT OF REMEDIAL ALTERNATIVES

3.1 Development of Remedial Alternatives

The screening of the remedial technologies summarized in Section 2 eliminated those which were not protective of the public health or the environment or were not technically or economically feasible. This process resulted in the selection of several representative process options as identified in Tables 11 and 12. In this section the selected process options will be combined into a series of remedial alternatives which address each of the media targeted for remediation.

The Remedial Alternatives are illustrated on Table 13. Common to many of the remedial alternatives are institutional controls. The institutional controls available considered in this alternative are summarized below.

Site Access Restrictions - A fence is an effective method for preventing unintentional contact with contaminated soils and discouraging intentional contact.

Restrictive Covenants - Restrictive covenants can be imposed on the use of the property. A property owner may proscribe property use above and below the ground surface. Restrictions against use of the surface part of the property could include prohibitions against any construction which would disturb a surface cap. Restrictions against subsurface use could include prohibitions against excavations into subsurface contamination or installation of borings for any purpose, including ground water withdrawal wells. Institutional controls on property not owned by Taracorp could be implemented either through private agreements or through the EPA's authority to exercise eminent domain.

Covenant Not to Sell Property - Taracorp has the right to covenant not to sell the property. Execution of an instrument is legally binding on Taracorp as well as on its successors and assigns.

Conveyance of Rights to a Third Party - Taracorp could convey portions of the property to another party such as the State of Illinois. Such a conveyance would ensure that institutional controls be maintained in perpetuity.

3.1.1 Alternative A

Monitoring: Air Quality Monitoring; Ground Water Monitoring

Institutional Controls: Site Access Restrictions; Land Use Restrictions; Deed Restrictions; Sale Restrictions

The no action alternative (A) includes a group of activities that can be used to monitor contaminant transport. The sources considered potentially viable include air, surface soils, and ground water. These activities are designed to prevent unacceptable risks to the public posed by the contaminants present in the Taracorp and SLLR piles. It includes institutional controls on the Tarcorp property and other properties where residual concentrations do not meet Remedial Objectives.

Ground water monitoring would be performed twice per year at each of the existing wells illustrated on Figure 7. Moreover, an additional well would be installed adjacent to well 104. This new well, screened at a lower elevation than well 104, would be used to better define ground water quality in the deeper water table aquifer. The analytical program would include pH, conductivity, alkalinity, sulfate, total dissolved solids, arsenic, cadmium, and lead.

High volume air monitors are presently located in Granite City as illustrated in Figure 8. A review of IEPA air monitoring data in Granite City would be done on an annual basis.

An annual report would be prepared which would summarize the results of sampling conducted during the previous calendar year. The report would present the data obtained as well as an interpretation of that data.

The institutional controls pertinent to this alternative include site access restrictions, restrictive covenants, deed restrictions, property transfer restrictions, and private third-party agreements.

3.1.2 Alternative B

Taracorp Pile:	Multimedia Cap, Institutional Controls
Taracorp Drums:	Off Site Recovery at Secondary Lead Smelter
SLLR Piles:	Excavate and Consolidate with Taracorp Pile
Venice Alleys:	Asphalt or Sod Cover Based on Usage
Eagle Park Acres:	Vegetated Clay Cap, Institutional Controls
Area 1 Unpaved Surfaces:	Asphalt or Sod Cover Based on Usage
Area 2 Unpaved Surfaces:	Asphalt or Sod Cover Based on Usage
Area 3 Unpaved Surfaces:	Asphalt or Sod Cover Based on Usage
Monitoring:	Air and Groundwater Monitoring

To implement Alternative B, drums containing lead drosses and other production by products would be removed to an off site secondary lead smelter for lead recovery. Wastes contained in the SLLR piles would be consolidated into the Taracorp pile; the consolidated pile would be graded and capped with a multimedia cap. Figure 9 presents a typical section of the proposed cap as well as potential finished grades. Institutional controls such as site access restrictions, restrictive covenants, deed restrictions, and property transfer restrictions would also be implemented.

Eagle Park Acres would be purchased and a vegetated clay cap meeting ARARs would be installed over the battery case material. Institutional controls such as site access restrictions, restrictive covenants, deed restrictions, and property transfer restrictions would also be implemented.

Venice Alleys would be covered in accordance with present usage. Asphalt would be applied to those portions subject to vehicular or pedestrian use; the remaining areas would be covered with 3 inches of topsoil followed by sod.

Unpaved portions of Areas 1, 2, and 3 would be covered in accordance with present usage. Asphalt would be applied to unpaved driveways and alleys; grassed or open areas would be covered with three inches of topsoil followed by sod. Removal of existing soils would be limited to driveway subgrade preparation, therefore surface elevations would change somewhat depending on surface treatment. Any soil excavated would be transported to the Taracorp pile for use in grading prior to cap installation.

The air and groundwater monitoring included in the no action alternative would also be implemented as part of Alternative B.

3.1.3 Alternative C

Taracorp Pile:	Multimedia Cap, Institutional Controls
Taracorp Drums:	Off Site Recovery at Secondary Smelter
SLLR Piles:	Excavate and Consolidate with Taracorp Pile
Venice Alleys:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces

Eagle Park Acres:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces
Area 1 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Area 2 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Area 3 Unpaved Surfaces:	Asphalt or Sod Cover Based on Usage
Monitoring:	Air and Groundwater Monitoring

To implement Alternative C, drums containing lead drosses and other production by products would be removed to an off site secondary lead smelter for lead recovery. Wastes contained in the SLLR piles would be consolidated into the Taracorp pile; the consolidated pile would be graded and capped with a multimedia cap. Figure 9 presents a typical section of the proposed cap as well as potential finished grades. Institutional controls such as site access restrictions, restrictive covenants, deed restrictions, and property transfer restrictions would also be implemented.

Battery case material would be excavated from both Venice Alleys and Eagle Park Acres and transferred to the Taracorp Pile. These areas would be restored with either asphalt or sod, in accordance with current usage.

Unpaved portions of Areas 1 and 2 would be excavated to a depth of three inches and restored with either asphalt or sod, in accordance with current usage. Excavated soil would be transported to the Taracorp Pile for use in grading prior to cap installation.

Unpaved portions of Areas 3 would be covered in accordance with present usage. Asphalt would be applied to unpaved driveways and alleys; grassed or open areas would be covered with three inches of topsoil followed by sod. Removal of existing soils would be limited to driveway subgrade preparation, therefore surface elevations would change somewhat depending on surface treatment. Any soil excavated would be transported to the Taracorp pile for use in grading prior to cap installation.

The air and groundwater monitoring included in the no action alternative would also be implemented as part of Alternative C.

3.1.4 Alternative D

Taracorp Pile:	Multimedia Cap, Institutional Controls
Taracorp Drums:	Off Site Recovery at a Secondary Lead Smelter
SLLR Piles:	Excavate and Consolidate with Taracorp Pile
Venice Alleys:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces
Eagle Park Acres:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces
Area 1 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Area 2 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Area 3 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Monitoring:	Air and Groundwater Monitoring

To implement Alternative D, drums containing lead drosses and other production by products would be removed to an off site secondary lead smelter for lead recovery. Wastes contained in the SLLR piles would be consolidated into the Taracorp pile; the

consolidated pile would be graded and capped with a multimedia cap. Figure 9 presents a typical section of the proposed cap as well as potential finished grades. Institutional controls such as site access restrictions, restrictive covenants, deed restrictions, and property transfer restrictions would be implemented.

Battery case material would be excavated from both Venice Alleys and Eagle Park Acres and transferred to the Taracorp Pile. These areas would be restored with either asphalt or sod, in accordance with current usage.

Unpaved portions of Areas 1, 2, and 3 would be excavated to a depth of three inches and restored with either asphalt or sod, in accordance with present usage. Excavated soil would be transported to the Taracorp Pile for use in grading prior to cap installation.

The air and groundwater monitoring included in the no action alternative would also be implemented as part of Alternative D.

3.1.5 Alternative E

Taracorp Pile:	Multimedia Cap, Supplemental Liner, Institutional Controls
Taracorp Drums:	Off Site Recovery at a Secondary Lead Smelter
SLLR Piles:	Excavate and Consolidate with Taracorp Pile
Venice Alleys:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces
Eagle Park Acres:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces
Area 1 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Area 2 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.

Area 3 Unpaved
Surfaces:

Excavate Soil and Consolidate with
Taracorp Pile. Restore Surfaces.

Monitoring:

Air and Groundwater Monitoring

To implement Alternative E, drums containing lead drosses and other production by products would be removed to an off site secondary lead smelter for lead recovery. An impermeable liner would then be installed on a section of Area 1 adjacent to the Taracorp pile. This section would be excavated to a depth of 3 inches prior to liner installation, with the excavated soil staged with the Taracorp pile. The liner would consist of 2 feet of clay, 1 foot of sand (secondary drainage layer), a 60 mil synthetic membrane, and 1 foot of sand (primary drainage layer). A primary and secondary leachate collection system (perforated PVC piping) would also be provided. Excavated soils from Areas 1, 2, and 3 would be placed over the primary drainage layer as a base to protect the liner from damage. Following liner construction, waste materials from the Taracorp Pile, SLLR piles, Eagle Park Acres, and Venice Alleys would be excavated, transported to and placed on the liner. These wastes would be covered and graded with soils excavated from the base of the former Taracorp Pile. A multimedia cap would then be installed over the consolidated pile. Figure 9 presents a typical section of the proposed cap; Figure 10 shows the proposed liner location. Institutional controls such as site access restrictions, restrictive covenants, deed restrictions, and property transfer restrictions would also be implemented.

As discussed above, battery case material would be excavated from both Venice Alleys and Eagle Park Acres and transferred to the newly constructed liner. These areas would be restored with either asphalt or sod, in accordance with current usage.

Unpaved portions of Areas 1, 2, and 3 would be excavated to a depth of three inches and restored with either asphalt or sod, in accordance with present usage. As stated above excavated soil would be transported to the newly constructed liner and placed directly over the primary drainage layer, to protect the synthetic membrane from damage from heavy slag and debris.

Air and groundwater monitoring included in the no action alternative would be implemented as part of Alternative E.

3.1.6 Alternative F

Taracorp Pile:	Multimedia Cap, Supplemental Liner, Recovery of Plastic Battery Case Material and Lead, Institutional Controls
Taracorp Drums:	Off Site Recovery at a Secondary Lead Smelter
SLLR Piles:	Excavate and Consolidate with Taracorp Pile
Venice Alleys:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces
Eagle Park Acres:	Excavate Case Material and Consolidate with Taracorp Pile. Restore Surfaces
Area 1 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Area 2 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Area 3 Unpaved Surfaces:	Excavate Soil and Consolidate with Taracorp Pile. Restore Surfaces.
Monitoring:	Air and Groundwater Monitoring

To implement Alternative F, drums containing lead drosses and other production by products would be removed to an off site secondary lead smelter for lead recovery. An impermeable liner would then be installed on a section of Area 1 adjacent to the Taracorp pile. This section would be excavated to a depth of 3 inches prior to liner installation, with the excavated soil staged with the Taracorp pile. The liner would consist of 2 feet of clay, 1 foot of sand (secondary drainage layer), a 60 mil synthetic membrane, and 1 foot of sand (primary drainage layer). A primary and secondary leachate collection system would also be provided. Excavated soils from Areas 1, 2, and 3 would be placed over the primary drainage layer to protect it from damage. Following liner construction, processed waste materials from the Taracorp Pile, as well as excavated materials from the SLLR piles, Eagle Park Acres, and Venice Alleys, would be transported to the liner. These wastes would be covered and graded with soils excavated from the base of the former Taracorp Pile. A multimedia cap would then be installed over the consolidated pile. Figure 9 presents a typical section of the proposed cap; Figure 10 shows the proposed liner location. Institutional controls such as site access restrictions, restrictive covenants, deed restrictions, and property transfer restrictions would also be implemented.

Prior to transport to the newly constructed liner, waste materials in the Taracorp Pile would be processed to recover plastic battery case material and smelttable lead. During the initial excavation, waste materials would be visually segregated:

excavations containing primarily slag would be transported directly to the adjacent liner; those containing significant amounts of plastic battery case material and smeltable lead would be transported to an on-site segregation unit. The commercially available unit would utilize flotation as a recovery mechanism. Recovered plastic would be shipped off-site for use as a raw material. Recovered lead and lead oxide would be shipped to a secondary smelter after drying. Residuals, including slag and rubber case material, would be transported to the liner.

As discussed above, battery case material would be excavated from both Venice Alleys and Eagle Park Acres and transferred to the newly constructed liner. It is thought that these casings are primarily rubber, and therefore not likely suitable for recycling.

If significant amounts of plastic casings are excavated, however, they would be processed in the same fashion as the Taracorp pile casings. Venice Alleys and Eagle Park surface areas would be restored with either asphalt or sod, in accordance with current usage.

Unpaved portions of Areas 1, 2, and 3 would be excavated to a depth of three inches and restored with either asphalt or sod, in accordance with present usage. As stated above, excavated soil would be transported to the newly constructed liner and placed directly over the primary drainage layer, to protect the synthetic membrane from damage from heavy slag and debris.

The air and groundwater monitoring included in the no action alternative would also be implemented as part of Alternative F.

3.1.7 Alternative G

Taracorp Pile:	Recovery of Plastic Battery Case Material and Lead, Disposal of Residuals in RCRA Landfill
Taracorp Drums:	Off Site Recovery at a Secondary Lead Smelter
SLLR Piles:	Disposal in RCRA Landfill
Venice Alleys:	Excavate Case Material, Disposal in RCRA Landfill. Restore Surfaces
Eagle Park Acres:	Excavate Case Material, Disposal in RCRA Landfill. Restore Surfaces.
Area 1 Unpaved Surfaces:	Excavate and Restore. Disposal in RCRA Landfill.
Area 2 Unpaved Surfaces:	Excavate and Restore. Disposal in Non-RCRA Landfill.
Area 3 Unpaved Surfaces:	Excavate and Restore. Disposal in Non-RCRA Landfill.
Monitoring:	Groundwater Monitoring

To implement Alternative G, drums containing lead drosses and other production byproducts would be removed to an off site secondary lead smelter for lead recovery. The remaining waste materials in the Taracorp Pile would be excavated, processed to recover recyclable plastic, and disposed of in a RCRA landfill.

Processing would consist of visual segregation during initial excavations to separate non plastic bearing wastes from wastes containing plastics. Non plastic bearing waste would be transported directly to the RCRA landfill; those containing significant amounts of plastic battery case material and smeltable lead would be transported to an on-site segregation unit. The commercially available unit would utilize flotation as a recovery mechanism. Recovered plastic would be shipped off-site for use as

a raw material. Recovered lead and lead oxide would be shipped to a secondary smelter after drying. Residuals, including slag and rubber case material, would be transported to the RCRA landfill.

Battery case material would be excavated from both Venice Alleys and Eagle Park Acres and transported directly to the RCRA landfill. It is thought that these casings are primarily rubber, and therefore not likely suitable for recycling. If significant amounts of plastic casings were excavated, however, they would be processed in the same fashion as the Taracorp pile casings. Venice Alleys and Eagle Park Acres surface areas would be restored with either asphalt or sod, in accordance with current usage.

Unpaved portions of Areas 1, 2, and 3 would be excavated to a depth of three inches and restored with either asphalt or sod, in accordance with present usage. Excavated soil from Area 1 would be transported to a RCRA landfill; excavated soil from Areas 2 and 3 would be transported to a non-RCRA landfill.

The groundwater monitoring included in the no action alternative would also be implemented as part of Alternative G. Long term air monitoring would not be required.

3.2 Screening of Alternatives

The intent of the screening of alternatives step is to eliminate alternatives that are significantly less implementable or more costly than comparably effective alternatives. The screening is conducted on the basis of effectiveness, ease of implementation, and cost.

The factors included under the criterion of effectiveness are a) overall reduction in toxicity, mobility or volume of waste; b) long-term effectiveness and permanence; c) short-term impacts which the alternatives may pose during implementation; and d) how quickly protection can be achieved. Alternatives that do not protect human health and the environment to an acceptable degree are not carried through this initial screening of alternatives, with the possible exception of the no-action alternative (Alternative A). The no-action alternative will be carried through to the detailed analysis step without prior screening, as a baseline for comparison with other alternatives, regardless of the degree of protectiveness it offers.

Implementability is associated with the difficulty in constructing, operating and maintaining a particular alternative. The performance of a remedial action is subject to a number of technical, administrative and logistical issues. These factors are assessed to characterize the implementability of each alternative. An alternative which would be more difficult or time consuming to implement than a comparably effective remedy would not be carried through this initial screening.

Cost factors include costs necessary to perform a remedial action, and any operating and maintenance costs associated with an action. Cost is used to eliminate alternatives which provide a similar degree of protectiveness at a significantly greater cost.

3.2.1 Effectiveness

Each remedial action alternative (B,C,D,E,F,G) would result in the elimination of unacceptable risk to humans and the environment through a combination of containment and treatment technologies. All remedial response objectives would be achieved by each alternative.

Alternative B represents an in-situ containment alternative. As the site is not located within a flood plain, containment of contaminated materials within the capped Taracorp pile would eliminate the potential for direct contact with contaminants and virtually eliminate the potential for transport of contaminants by ground or surface water. The potential for migration of metals would be limited by:

- the installation of a multimedia cap which would eliminate run-on and direct contact of precipitation with the pile;
- the high alkalinity of the ground water;
- the low solubility of metal carbonates; and
- cation exchange within the unconsolidated deposits.
- the clay barrier (10^{-7} to 10^{-8} cm/sec) beneath most of the existing pile

The installation of a multimedia cap over the contaminated materials would also eliminate the potential for direct contact with or migration of contaminants via the air pathway. In addition, capping in-situ would reduce the potential for short term impact to human health and the environment caused by the generation of contaminated dust. Air modeling conducted for another site involving battery case material (Dames & Moore, 1988) concluded that for alternatives involving large scale excavation of materials

"substantial on-site controls would be necessary and there is a possibility that even maximal management controls on-site would not prevent excessive short term off-site impacts".

The installation of caps over waste materials at Eagle Park Acres (vegetated clay) and Venice Alleys (asphalt) would virtually eliminate the potential for direct contact with waste materials and would limit the potential for migration of contaminants off-site. Installation of cover (asphalt or three inches of topsoil plus sod) over contaminated soils in Areas 1, 2, and 3 would effectively limit the migration of contaminants and limit the potential for direct contact with contaminants.

The in-situ containment specified by Alternative B could be implemented in a relatively short period of time, as standard construction techniques would be utilized, and as excavation would be limited.

Alternative C provides an additional level of protection to human health and the environment at Eagle Park Acres, Venice Alleys, Area 1 and Area 2. Implementation of Alternative C requires the excavation of waste materials and contaminated soils from these areas and consolidation of the materials into the Taracorp pile. The potential for migration of contaminants offsite, or for direct contact with contaminants in these areas, therefore, is eliminated. In addition, consolidating contaminated materials facilitates the implementation of institutional controls, which may not be as effectively implemented at multiple remote sites.

The potential for short term impact to human health and the environment caused by generation of contaminated dust could be greater during implementation of Alternative C than Alternative B. Appropriate dust control and respiratory protective measures would be required.

Alternative C would require more time to implement than Alternative B, as excavation is required. The additional time, however, would not be expected to be significant, as mobilization, clearing, and installation of cover is common to both alternatives.

Alternative D extends the additional protection provided by excavation and consolidation of contaminated soils to Area 3. It should be noted that both methods, i.e. cover versus excavation and consolidation, are effective in limiting human contact with contaminated materials and in limiting the potential for transport of materials off-site. The increased margin of effectiveness afforded by excavation and consolidation decreases as contaminant concentration in soil decreases. This margin of effectiveness will require close examination during the detailed evaluation of alternatives.

Alternative D would require slightly more time to implement than Alternative C.

Alternatives E, F, and G differ from Alternative D only in their treatment of the Taracorp pile. They provide the same highly effective level of protection afforded by excavation and consolidation to Eagle Park Acres, Venice Alleys, and Areas 1, 2, and 3 as does Alternative D.

Implementation of Alternative E requires the use of a bottom liner beneath the Taracorp pile. The use of such a liner would prove highly effective in eliminating the potential migration of contaminants. As discussed above, however, a multimedia cap alone was judged effective in eliminating the potential migration of contaminants. The increased margin of effectiveness provided by the bottom liner, therefore, will require close examination during the detailed evaluation of alternatives.

Implementation of Alternative E would require excavation of over 85,000 cubic yards of contaminated material at the Taracorp site. Such excavation could increase the potential for short term impact to human health and the environment caused by generation of contaminated dust. Effective control of such dust could be beyond the capability of present technology; effective controls would have to be developed. The surface area of exposed waste materials would also increase during implementation of the alternative, increasing the risk of contaminant migration off-site due to run-off. Appropriate controls would be required.

Alternative E would be expected to require much more time to implement than Alternative D, due to bottom liner construction and excavation requirements.

Implementation of Alternative F would require the excavation and segregation of the Taracorp pile, including significant manual segregation. The material handling required by this alternative increases the potential for short term impact to human health by both direct ingestion of contaminated materials and inhalation of

generated dusts. The ability to control air emissions during excavation is questioned based on past experience at the site during St. Louis Lead Recycling's operations and air modeling described previously. The effectiveness of this alternative to reduce the volume of waste materials is also questioned; calculations indicate that volume reduction would be approximately 10%. As this alternative includes excavation and a bottom liner for disposal of waste materials, issues discussed above pertaining to Alternative E also apply.

Of all alternatives (A-G), Alternative F would be expected to take the longest amount of time to effect remediation, due to segregation requirements, processing requirements, and bottom liner construction.

Alternative G represents an off-site disposal alternative. As such, excavation and segregation of the Taracorp pile would be required, with the associated potential for short term impact to human health and the environment. As a final disposal option, off-site disposal in a RCRA landfill would be a highly effective method of eliminating direct contact and uncontrolled migration of contaminants. The increased margin of benefit obtained over in-situ containment, however, will require close examination during the detailed evaluation of alternatives. As the alternative includes excavation, recovery, and recycling, the issues discussed pertaining to Alternatives E and F also apply.

In summary, Alternatives B, C, and D are equally effective with respect to the Taracorp pile, and progressively more effective

with respect to the remote areas. As increasing amounts of excavation are required by each, the potential for short term impact to human health and the environment increases, as well as the time required to effect remediation. The time and risk associated with Alternatives B, C, and D, however, do not vary significantly.

Alternatives D, E, F, and G are equally effective with respect to the remote areas, and differ in effectiveness only with respect to the Taracorp pile. Compared to Alternative D, Alternative E is possibly more effective, but significantly more time consuming. Alternative F is of questionable increased effectiveness, as only 10% volume reduction is obtained with significant increase of both time and human exposure to contaminants. Alternative G is effective as a final disposal option, but is also lengthy with significant increase of potential for short term impact to human health and the environment.

3.2.2 Implementability

The excavation, consolidation, capping, and bottom liner installation incorporated into some or all of the alternatives utilize demonstrated procedures and standard construction equipment. These procedures, therefore, do not limit the implementation of any alternative. It should be noted, however, that excavation and restoration of residential and commercial neighborhoods will require significant manual labor due to the small working areas expected.

Recycling of residues from lead furnaces is a technically feasible operation performed at commercial facilities. The number of secondary lead smelters is limited, however, and most are interested in smelting products with sufficient lead content to be economically attractive. The contained drosses, which have a higher lead content than other waste materials, may be acceptable to secondary smelters, as a lead content of 27% is often considered a common minimum cutoff for acceptance. Recycling of the drummed drosses as incorporated into all remedial alternatives would be implemented if a secondary smelter willing to accept the drummed material is located. Otherwise, the drummed drosses would be addressed in the same fashion as the other pile material. The volume of drummed material is not expected to impose time constraints. Lead recovered from the recycling operation incorporated into Alternatives F and G would be addressed similarly.

Given the above analysis, Alternatives B, C, D, and E are expected to be readily implementable.

Alternatives F and G require the segregation and recovery of recyclable plastics and lead from the waste piles. Equipment is readily available to recover casings and lead from batteries; however, utilization of this equipment to recover casings and lead from the blast furnace slag/casing/metallic lead mixture present in the Taracorp pile is questionable. Blast furnace slag would require hand picking from the recovery equipment feed belt, as the recovery equipment is not designed to process materials harder than

lead with linear dimensions exceeding 1 inch. Any slag or debris that does enter the equipment (linear dimensions less than 1 inch) would contaminate the recovered lead, and limit its acceptability as a smeltable material. It should be noted that when this equipment is used to break batteries alone (ideal conditions), the recovered smeltable product is generally only 50-60% lead. There are also limitations with respect to the recycling of plastic battery casings. Plastic casings, which have been exposed to and damaged by sunlight, as a portion of those at the Taracorp pile likely are, are unsuitable as a raw material in the plastics industry. In addition, pilot studies conducted for a similar superfund site (Gould, Inc. Site, EPA Docket Number 1085-05-08-106) indicated that the recovered plastics failed the TCLP test for lead, despite various rinsing schemes. For all these reasons, therefore, the implementability of the recovery portion of Alternatives F and G is questionable.

Alternative G requires the off-site disposal of waste materials in a RCRA landfill. Although the excavation and transport of waste materials is readily implementable, the landfill ban for characteristic wastes expected to be imposed in 1991 could have implications for material which does not pass the TCLP test. This concern will be evaluated in the detailed analysis of alternatives.

In summary, alternatives B, C, D, and E are readily implementable, while the implementability of the recovery/recycling portion of Alternatives F and G is questionable. Land disposal

restrictions may or may not affect the implementability of Alternative G.

3.2.3 Cost

Preliminary remedial cost estimates including capital and annual operation costs were developed for each alternative, and are included as Tables 14 - 20. The total cost of implementing each alternative is as follows:

Alternative	Total Cost
A	\$ 475,110
B	\$ 5,685,020
C	\$ 6,471,000
D	\$ 6,835,450
E	\$13,065,890
F	\$27,333,930
G	\$50,353,680

3.2.4 Summary

All alternatives will be evaluated in detail in Section 4.

OSF

RECEIVED

NL

U.S. EPA, REGION V
WASTE MANAGEMENT DIVISION
OFFICE OF THE DIRECTOR

November 13, 1989

Director
Waste Management Division
U.S. Environmental Protection Agency
230 South Dearborn Street
Chicago, Illinois 60604

Re: Taracorp Site
Granite City, Illinois

Dear Sir or Madam:

NL Industries, Inc. has been performing, at its own expense, the Remedial Investigation and Feasibility Study for the above-referenced site since 1985. That study will conclude in early 1990.

We have conducted an extensive search for potentially responsible parties ("PRP's") at the Taracorp Site. In particular, we have focused on those who arranged for the treatment or disposal of spent batteries and/or other lead scrap during NL's ownership. Enclosed is a list of the names and addresses of these generators. For your convenience, we have also enclosed a draft Section 104(e) letter you may use to obtain further information from these PRP's.

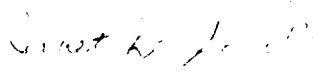
Finally, we are in the process of completing a waste-in list for the Taracorp Site which we will submit upon its completion. Our preliminary review, based solely on number of records of receipts and not on an assessment of the quantity of shipments, the following would appear to be the major suppliers:

Western Electric Co. (a corporate affiliate of AT&T),
Globe Union (now Johnson Controls, Inc.),
E.S.B. (now Exide Corp.),
Finer Metals,
Southern Iron & Supply/Souther Scrap,
Ed Parkinson,
Ace Scrap,
A. Miller & Company,
Nassau Recycle Corp./Nassau Smelting & Refining (another
AT&T affiliate), and
Prestolite Batteries (an affiliate of Allied-Signal).

NL Industries, Inc.
Office of General Counsel
445 Park Avenue, New York, New York 10022 Tel. (212) 421-7200/7204
Telecopier (212) 421-7209

To promote prompt resolution of remedial activities, we recommend that the Agency take appropriate steps to notify the generators that they are potentially responsible parties for the Taracorp Site.

Very truly yours,


Janet D. Smith

JDS:ml

Enc.

c. w/enc.: Mr. Brad Bradley
Roger Grimes, Esq.

JDS14.180

DRAFT § 104(e) LETTER
FOR TARACORP SITE IN GRANITE CITY, ILLINOIS
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

[NAME OF PRP]

Re: Request for Information Under 42 U.S.C. Section 9604 and 42 U.S.C. Section 6927, Taracorp Site, Granite City, Illinois

Dear Sir or Madam:

The United States Environmental Protection Agency ("EPA") is charged with responding to the release or threatened release of hazardous substances and with enforcement responsibilities under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42 U.S.C. Section 9601 et seq. EPA also regulates the handling of hazardous waste under the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. Section 6901 et seq.

EPA has documented the release of hazardous substances at the Taracorp, site in Granite City, Illinois. This Site is listed on the National Priorities List promulgated pursuant to Section 105 of CERCLA. 40 CFR Part 300, Appendix B. The site was operated as a secondary lead smelter by NL Industries, Inc., until NL sold the Site to Taracorp. Section 104(e)(1) of CERCLA, and Section 3007 of RCRA, 42 U.S.C. Section 6927, allow EPA to request certain information from parties who handle or have handled hazardous substances and hazardous waste, as those terms are defined in Section 101(14) of CERCLA, 42 U.S.C. Section 9601(14), and Section 1004 of RCRA, 42 U.S.C. Section 6903, respectively. In addition, Section 104(b) of CERCLA, 42 U.S.C. Section 9604(b), enables EPA to conduct such legal and other investigations as it may deem necessary or appropriate to plan and direct response actions, to recover the costs thereof, and to enforce the provisions of CERCLA.

Pursuant to the statutory provisions cited, EPA requires that your company answer the questions in the attached "Request for Information". If your company has an EPA Identification Number, kindly state it in your response.

Your company's response to the "Request for Information" should be postmarked or received at EPA within thirty (30) calendar days of your receipt of this letter, and should be mailed to _____, U.S. Environmental Protection Agency, Region X, _____.

Your company's failure to respond to the "Request for Information" within the time specified above may subject it to an enforcement action under Section 3008 of RCRA, 42 U.S.C. Section 6928, and Section 113 of CERCLA, 42 U.S.C. Section 9613. An enforcement action may include the assessment of penalties of up to \$25,000.00 per day for each day of continued noncompliance. The notarized signature of an officer or other responsible official of your company must appear on the enclosed "Certification of Answers to Request for Information", which should be attached to the response to this information request.

If at any time in the future, your company has additional information and/or finds that any aspect of the submitted information is false, misleading, or misrepresents the truth, your company must notify the EPA. Failure to amend the response may be construed as a concealment. If any part of your company's response is found to be untrue, the signatory and the company may be subject to criminal prosecution.

The "Request for Information" is not subject to the approval requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. Section 3501 et seq. If desired, your company may assert a business confidentiality claim covering all or part of the information requested. The claim may be asserted at the time of submission, by placing on (or attaching to) the information, a cover sheet, stamped or typed legend, or other suitable form of notice employing language such as "trade secret" or "Proprietary", or "company confidential". Information covered by such a claim will be disclosed by EPA only to the extent and by means of procedures set forth in Title 40, Part 2, Code of Federal Regulations, Subpart B. If no such claim accompanies the information when it is received by EPA, it may be made available to the public by EPA without further notice to your company.

-3-

If you have any questions about this letter, you may call _____
at _____. Your cooperation is appreciated.

Sincerely yours,

Enclosure

I. INSTRUCTIONS FOR RESPONDING TO REQUEST FOR INFORMATION

1. A separate response should be given for each question.
2. Precede each answer with the number of the question to which it is addressed.
3. In answering each question, identify all contributing sources of information.
4. Interpret "and" as well as "or" to include within the scope of the question as much information as possible. If two interpretations of a question are possible, use the one that provides more information.
5. If you are unable to give a detailed and complete answer or to provide any of the information or documents requested, indicate the reason for your inability to do so.
6. If you have reason to believe that an individual other than one employed by your company may be able to provide additional details or documentation in response to any question, state that person's name, last known address, phone number and the reasons for your belief.
7. If a document is requested but not available, state the reason for its unavailability. To the best of your ability identify the document by author, date, subject matter, number of pages, and all recipients of the document with their addresses.
8. For each document produced in response to the "Request for Information", indicate on the document, or in some other reasonable manner, the question to which it applies.
9. If anything is omitted from a document produced in response to the "Request for Information", state the reason for and the subject matter of the omission.
10. If you cannot provide a precise answer to a question, you may approximate, but in any such instance, state the reason why you cannot be more specific.
11. In identifying an individual, to the extent possible provide the name and last known employment and home addresses and telephone numbers.
12. As used herein, the terms "hazardous substance", "release", "facility" and "person" shall have the meanings set forth in Section 101(14), (22), (9), and (21) of CERCLA, 42 U.S.C. Section 9601(14), (22), (9), and (21), respectively.

13. As used herein, the terms "hazardous waste", "treatment" and "disposal" shall have the meaning set forth in Section 1004 of RCRA, 42 U.S.C. Section 6903.
14. The terms "waste material" or "industrial waste material" shall mean any solid, liquid or sludge or any mixtures thereof which possess any of the following characteristics:
 - a. it contains one or more "hazardous substances" (at any concentration) as defined in 42 U.S.C. Section 9601(14);
 - b. it is a "hazardous waste" as defined in 42 U.S.C. Section 6904;
 - c. it has a pH less than 2.0 or greater than 12.5;
 - d. it reacts violently when mixed with water;
 - e. it generates toxic gases when mixed with water;
 - f. it ignites or explodes;
 - g. it is an industrial intermediate waste product;
 - h. it is an industrial treatment plant sludge or supernatant;
 - i. it is an industrial byproduct having some market value;
 - j. it is coolant water or blowdown waste from a coolant system;
 - k. it is a spent product which could be reused after rehabilitation; or
 - l. it is any material which you have reason to believe would be toxic if either ingested, inhaled or placed in contact with your skin.
15. The term "lead-acid battery" means an automotive lead-acid battery.
16. The term "lead scrap" means any discarded material containing lead other than a lead-acid battery.

II. REQUEST FOR INFORMATION

1.
 - a. State the correct legal name of your company.
 - b. State the name(s) and address(es) of the President and the Chairman of the Board, or other presiding officer(s) of your company.
 - c. Identify the state of incorporation of your company and your company's agents for service of process in the state of incorporation and in Oregon.
 - d. If your company is a subsidiary or affiliate of another corporation, or has subsidiaries, identify these related companies.
 - e. Identify the state of incorporation and agents for service of process in the state of incorporation and Oregon for each company identified in Question 1d.
2. In identifying a company that no longer exists, provide all the information called for in Item 1, except for the agent for service of process. If the company did business under more than one name, each name should be designated.
3. State whether your company has a permit or permits issued pursuant to the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et seq. If your company has an EPA Identification Number, state it in your answer to this question.
4. Respond to the following question by checking the Yes or No column as applicable for the materials identified in a-f (collectively, the "Materials"):

Has your company, any subsidiary, parent or affiliate of your company, or any of your or their past or present employees ever transported, or arranged for the transportation of, or have knowledge of the transportation of

	YES	NO
a. any lead-acid batteries to the Site?	___	___
b. any lead scrap to the Site?	___	___
c. any hazardous waste to the Site?	___	___
d. any hazardous substance to the Site?	___	___

- e. any "industrial waste material" of any type to the Site? _____
 - f. any material of any type to the Site? _____
5. Describe all the Materials referred to in Paragraph 4 which you have reason to believe were transported to the Site by providing the following information:
 - a. the nature and composition of such materials, described with as much precision as possible.
 - b. the date or dates of shipment to the Site.
 - c. the total volume and weight of all such material as well as the volume and weight of each shipment.
 - d. the identity of the company or individual that arranged for the transportation of each shipment of Materials to the Site and, if different, the identity of the company or individual that transported each shipment of Materials to the Site.
 - e. the specific hazardous substances which you have reason to believe were in any such Materials transported to the Site.
 - f. how or whether each shipment of Material was containerized, e.g. drums, bulk solids, tanks, etc.
 - g. whether your company specifically selected the Site for transportation of Materials.
6. Please submit a copy of each document which relates to the transportation, recycling, treatment and/or disposal of any Material identified in response to Question 5, including but not limited to contracts, agreements, purchase orders, shipping documents, bills of lading, hazardous waste manifests, delivery tickets, invoices, billing records, accounting records, correspondence and memoranda. If you are unable to provide a copy of any document, identify the document by describing the nature of the document (e.g. letter, file memo, invoice, inventory form, billing record, hazardous waste manifest, etc.). Describe the relevant information contained therein. Identify by name and job title the person who prepared the document, and if the document is not available, state where it is stored, maintained and why it is no longer available.
7. Identify each person (e.g., company, individual, partnership, etc.) having knowledge of the facts relating to

the transportation of any Materials to the Site. For each such person identified, please provide the name, address and telephone number of that person, and the basis of your belief that he or she has such knowledge. For past and present employees, include their job title and a description of their responsibilities.

8. State whether there exists any agreement or contract (other than an insurance policy) which may indemnify your company, present owners of shares in the company or past owners of shares in the company, for any liability that may result under CERCLA for any release of a hazardous substance from the Site. If so, please provide a copy of the agreement or contract. Identify any agreement or contract that you are unable to locate or obtain. Please refer to question 6 for further instructions.
9. State whether an insurance policy has ever been in effect which may indemnify your company against any liability which your company may have under CERCLA for any release or threatened release of a hazardous substance from the Site. If so, please provide a copy of the policy. Identify any policy that you cannot locate or obtain by the name of the carrier, years in effect, nature and extent of coverage, and any other information you have.
10. Please supply any additional information which may help EPA to identify other companies or individuals that transported or arranged for the transportation of lead-acid batteries, lead scrap or other Materials to the Site.
11. Identify all individuals responsible for obtaining the information included in your response to this Request for Information, as well as all individuals who participated in preparing your response.

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of _____

County of _____

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME (print or type)

TITLE (print or type)

SIGNATURE

Sworn to before me this

_____ day of _____, 1988

Notary Public

N.L. SECONDARIES

Names and Addresses of Suppliers of
Non-Virgin Material to Granite City, Illinois

A. Miller & Company	PO Box 695 Peoria, Illinois 61652
A. Tenenbaum	4500 Bethany Road N. Little Rock, AR 72117
Aaron Ferer & Sons Co.	POB 6478 Church St. Station NY, NY 10249
A.B.F. Metal Co.	St. Louis, MO.
Ace Comb Company	West 2nd Street, Booneville, AR 72927
Ace Scrap Metal Processors	3100 N. Broadway St. Louis, MO. 63147
Acme Battery Manufacturing Company	3340 Morganford St. Louis, MO. 63110
Acro Sales & Engineering, Inc.	W 137 N. 5540 Williams Place, Menomonee Falls WI 53051
Active Metal Company	5150 16th Street, Detroit, MI 66208
Aetna Metals, Inc.	13535, Helen Street, Detroit, MI 48212
Afram Bros, Co.	900 South Water Street, Milwaukee, WI 53204
Allied Metal Company	2059 South Canal Street, Chicago, Il 60616
Alter Company	2333 Rockingham Road, Davenport IA 53808
Alumax Foils	No address given

Amax Lead and Zinc ¹	Amax Inc./Amax Lead and Zinc 200 Park Avenue NY, NY 10166
American Can Co.	755 Prior Avenue St. Paul, MN 55104
American Industrial Linings, Inc.	1390 Kingsland Avenue St. Louis, MO. 63133
American Smelting & Refining Company	120 Broadway, NY, NY 10005
Ametalco Inc.	Amax Inc./ Ametalco Inc. 200 Park Avenue NY, NY 10166
Andersen Steel, Inc.	POB 448 Fairfield, IA 52566
Anzon America, Inc.	Freehold, NJ
A.O. Smith Corp.	POB 28 Kankakee, IL
Asarco, Inc. ²	POB 7019 Church Street Station, NY, NY 10008
Astron Manufacturing Co.	12th and Mc Kinney Streets Chicago, IL
Associated Metals & Minerals corp	733 Third Avenue NY, NY 10017
Baker Iron & Metal	Box 11040 Lexington, KY 40511
Barter Machinery & Supply Co.	215 Santa Fe Drive Denver, CO 80223

¹ Amax Lead and Zinc receipts were as follows: 12 receipts of "corroding" lead; 1 of Anodes; 12 of Scrap Anodes; 1 of AG Dross; 1 of AG Scrap; 1 of Desilverized lead; 1 of Scrap Silver Lead.

² Asarco, Inc. supplied mainly virgin materials but also "common lead" and 2 Bdls of lead - type unspecified.

Batco Inc.	7777, Bon Homme Clayton, MO 63105
Bear Manufacturing	PO Box 10159 Rock Island, IL 62201
Becker Metals Corp.	PO Box 14008-B St. Louis, MO 63178
Bell City Battery Company	915 South Charles Street Belleville, IL 62221
Ben Greenberg Co.	POB. 450 Dyersburg, TN 38024
Benjamin Air Rifle Co.	1525 South 8th Street, St. Louis, MO 63104
Berlinski & Sons	POB 733 Juliet, IL 60434
Bill Bergmeyer	R.R.2 Box 238 Bowling Green, MO 63334
Billiton Metals & Ores	POB 1156 Church St. Station NY, NY 10249
Bill's Auto Parts	471 South Capital Ave. Gerydon, IN 47112
Bill's Salvage	POB 398 Cobden, IL 62920
Billy Morrow	Box 132 Hurdland, MO 63547
Bob Keller Batteries Warehouse	2671 Washington St. Louis, MO 63103
Briggs Used Auto Parts	7 W. Buckeye Casey, IL 62420
Bunker Hill Company	Pintlar Corp/Bunker Hill Company 505 Front Ave., Suite 303 PO Box 2199 Coeur d'Alene Idaho 83814
Burlington	Granite City

Bussman Manufacturing Company a division of Mc Graw-Edison Co.	2536 W. University St. Louis, MO 63107
Call Pub. Co. Inc.	9, N. Division Street, Duquoim, IL 62832
Campbell Soup	Campbell Place Camden, NJ 08101-0391
CBC Inc.	3001, Fairfax Traffic Way Kansas City, KS 66115
Central Iron & Metal Company	PO Box 1180 Springfield, IL 62705
Central Salvage	1433 NW 5th Street Oklahoma City, OK 73106
Central Waste Materials	1510 N. Broadway St. Louis, MO.
Centritech Corporation	PO Box 14552 Houston, TX 77021
Cerro Copper Products	PO Box 93739 Chicago, IL 60670
Chanen's Inc.	PO Box 766 Quincy, IL 62301
Charles W. Johnson	503 N. Sangamon Lincoln, IL 62656
Chemetco	PO Box 187 Alton, IL 62002
Chicago Battery	No address given
Chrysler Corp.	1001 N. Highway Drive Fenton, MO 63026
C.L. Downey Company	9th and Colfax Avenue Hannibal, MO 63401
CNC Industries, Inc.	330 Crossen Elk Grove Village, IL 60007
Comfort Printing and Stationery Co.	1611 Locust Street St. Louis, MO 63106

Cominco Ltd ³	1) POB 93929 Chicago, IL 60676
	2) 120 Adelaide St. West Toronto, Ontario Canada M5H 1T1
Commercial Metals Co.	P.O. Box 1046 Dallas, TX 75221-1046
Consolidated Wastes Material	6730 Wilson Road Kansas City, MO 64125
Continental Can Company	800 Connecticut Ave. P.O. Box 5410 Norwalk, CT 06856
Cosco Graphics	11548 Adie Road Maryland Heights, MO.
Crown Cork & Seal Co.	3501 West 31st Street Chicago, IL 60623
D. Pollack & Sons	1509 West Cortland Chicago, IL 60622
Del Rich Battery & Metal Co.	510 Schmidt Road Davenport, IA 52808
Delco-Remy; Division of General Motors Corp.	General Motors Corporation/ Delco Remy Division 3031 West Grand Blvd. P.O. Box 33122 Detroit, MI 48232
Delta Metals & Paper Recycling, Inc.	1436 Mullanphy St. Louis, MO 63106
Diversified Metals	1034 S. Brentwood Blvd. Richmond Heights, MO 63117
Don Hibbeler	12814 Sycamore Lane Palos Heights, IL 60463

³ Cominco Ltd. receipts as follows: 6 of Corroding Lead; 1 of Virgin Lead; 6 of Antimonial Lead; 10 of Antimony; 10 of Lead.

Dudley Auto Radiator	1509 7th Street Madison, IL
Ed Parkinson	129 South Ely Mounds, IL 62964
Edwardsville Intelligencer	117 N. 2nd Street Edwardsville, IL 62025
E.J. Pfeifer Iron & Metal	522 S. First Stockton, KS 67669
Elden R. Erickson & Sons, Inc.	5383 Swanson Road Roscoe, IL 61073
Equipment Engineering Company	No address given
ESB Inc.	Exide Corp./ESB Inc. P.O. Box 14205 Reading, PA 19162-4205
Essex Group	N. Manchester
Fabricators Int.	No address given
Farmland	No address given
Far West Sport	13313 Reeder Road S.W. Olympia, WA 98502
Federal Alloys Corp.	2930 Denton Street Detroit, MI 48211
Federal Cartridge Corporation	1) 9th and Tyler Street Anoka, MN 55303 2) Buick, MO 3) Omaha, NE
Federal Iron & Metal	6820 St. Charles Rock Road St. Louis, MO 63133
Feinberg Bros. Iron & Metal	1335 Cypress Kansas City, MO 64127
Finer Metal Co.	5900 Manchester Ave. St. Louis, MO 63110
Fisher Body Division of General Motors Corporation	General Motors Corporation/ Fisher Body Division 3031 West Grand Blvd.

	P.O. Box 33122 Detroit, MI 48232
Ford Motor Company	Parklane Towers West Suite 401 One Parklane Blvd Dearborn, MI 48126
Fundamental Metals & Minerals	30 Rockefeller Plaza Suite 1933 New York, NY 10020
Gary's Metal	RR 3, Box 290 Carterville, IL 62918
Gebco	Granite City, IL
General Battery Corp.	Exide Corp./General Battery Corp. POB 14205 Reading, PA 19162-4205
General Motors Corporation	3031 West Grand Blvd. P.O. Box 33122 Detroit, MI 48232
General Waste Products, Inc.	201 South 7th Ave. Evansville, IN 47730
Globe Union	Johnson Controls Inc/ Globe Union 5757 N. Green Bay Avenue P.O. Box 591 Milwaukee, WI 53201
Glosser Metal Company	P.O. Box 114 Hidalgo, IL 62432
Gopher Smelting & Refining	3385 Highway 49 St. Paul, MN 55121
Gould Inc.	Ten Gould Center Rolling Meadows, IL 60008
Graham Metal Corporation	412 Graham Avenue Benton Harbor, MI 49022
Great Lakes Carbon Corporation	P.O. Box 86 St. Louis, MO 63166

Grossman Metals Corp.	5 North Market Street St. Louis, MO 63102
GSA	No address given
GT Metals	Rd. 4, Box 400-B Muskogee, OK 74401
H. Brecker & Son	P.O.B. 28 Platteville, WI 53818
H.C. Duke & Son, Inc.	2116 Eighth Ave. East Moline, IL 61244
Henry Rautbort	517 West VanBuren Clinton, IL 61727
Highland Park Waste Material	1466 Berkeley Road Highland Park, IL 60035
Houston Salvage	1355 West Highway 17 Houston, MO 65483
H.S. Kaplan Scrap Iron & Metal	P.O.B. 3626 St. Paul, MN 55165
Hunter's Reloading Supply	1210 St. Michael Street Cahokia, IL 62206
ICC Metals Co.	New York, NY
Imperial Smelting Corporation	1031 E. 103rd Street Chicago, IL 60628
Indussa	New York, NY
Industrial Chemicals Corp.	720 5th Avenue New York, NY 10019
Inland Metals Refining Co.	651 East 119th Street Chicago, IL 60628
InterCity Metal Co.	8400 Truman Road Kansas City, MO
Intsel Corporation	835 3rd Avenue New York, NY 10022
J. Soloman & Sons	17th and Cedar Street Cairo, IL 62914

J. Trockman & Sons, Inc.	Highway 41 South Evansville, IN 47702
James H. Tessem	1705 N.E. Perry Peoria, IL 61603
Jay Metal Processing	1302 NE 29th Forth Worth, TX 76106
Johnson Metal Co.	3056 Hamilton Ave. Racine, WI 53403
Kamen Iron & Metal Co.	P.O. Box 485 Wichita, KS 67214
Kansas City Battery Company	744 Southwest Blvd. Kansas City, KS 66103
Kemco Metal Processing	123 Byasse Drive Hazelwood, MO 63042
Kennecott Refining Corp.	Baltimore, MD
Kraft Chemical Company	917 West 18th Street Chicago, IL 60508
K.W. Battery ⁴	3555 Howard Street Skokie, IL 60076
L. Kahn & Son	P.O. Box 569 Havanna, IL
LaSalle Steel Co.	1412 E. 150th Street Hammond, IN 46327
Ladyman Engineering Enterprises	723 Kirkwood Drive Dallas, TX 76128
Larry Good & Company	260 Old State Road Ellisville, MO 63011
Lefton Iron & Metal Company	P.O. Box 219 East St. Louis, IL 62202
Leslie Cooper Battery & Metal	P.O. Box 4166 Davenport, IA 52808

⁴ Present communications address for K.W. Battery: c/o Janice M. Edwards, Mc Dermott Will & Emery, 111 West Monroe Street, Chicago IL 60603.

Lissner Corporation	1000 North Branch Chicago, IL 60622
Lopez Scrap Metal, Inc.	P.O. Box 17741 El Paso, TX 79917
M. Gervich & Son, Inc.	707 E. Nevada Street P.O. Box 67 Marshalltown, IA 50158
M. Katch	Topeka, KS
M. Ruben Metal Co.	2416 So. Archer Ave. Chicago, IL 60616
MacGlashen Enterprises	1641 So. Sinclair Anaheim, CA 92806
Madewell & Madewell ⁵	P.O. Box 386 Jones, OK 73049
Madewell Metals Corporation	310 Shawnee Bypass Box 1432 Muskogee, OK 74401
Madison Scale	Madison, IL
Mallin Bros. Co.	3211 Gardner Avenue Kansas City, MO 64120
Marchem Resources, Inc.	P.O. Box 35361 Houston, TX 77035
Marco Steel Supply	302 S. Market St. Champaign, IL 61820
Mardians, Inc.	P.O. Box 370 Mobridge, SD 57601
Max Schwartzman & Sons, Inc.	2905 North Ferry Anoka, MN 55303
McDonnell - Douglas	No address given

⁵ Present communications address for Madewell & Madewell: c/o Wesley C. Fredenburg, Esq., Crowe & Dunlevy, 1800 Mid-American Tower, 20 North Broadway, Oklahoma City OK 73102.

McGraw - Edison Co.	502 Earth City Plaza P.O. Box 14460 St. Louis, MO 63178
McKinley Iron Co.	3620 North Hall Street St. Louis, MO 64147
Meyer Battery Service	1004 E. 12th Street Joplin, MO
Mid-Missouri Metal	P.O. Box 247 Wentzville, MO 63385
Mike Fanow	2815 Park Place West, Cano, IL 62914
Milford Rivet & Machine Co.	111 Taylor Street Elyria, OH 44035
Minera Mexico International	P.O. Box 4452 New York, NY
Minor Metals, Inc.	New York, NY
Missouri Iron & Metal	754 S. 4th St. St. Joseph, MO 64501
Mitachi	No address given
Modern Printing Company	2617 Oliver Street St. Louis, MO 63103
Modine Manufacturing Co.	1500 Dekoven Avenue Racine, WI 53401
Morris Tick Company, Inc.	501 East Stewart Bloomington, IL 61701
M.S. Kaplan Company	111 East Wacker Drive Chicago, IL 60601
Murphysboro Iron & Metal	1700-1900 Gartside Murphysboro, IL 62966
Nassau Recycle Corp.	AT&T/Nassau Recycle Corp. Room 3WA-148 1 Oakway Berkley Heights, NJ 07922

Nassau Smelting & Refining Corp.	At&T/Nassau Smelting & Refining Corp. Room 3WA-148 1 Oakway Berkley Heights, NJ 07922
National Can Corp.	8101 Higgins Road Chicago, IL 60631
National Metal Company	8339 Lowell Avenue Skokie, IL 60076
National Typographers Inc.	914 Pine Street St. Louis, MO 63101
New Castle Junk Co.	New Castle, PA
New Orleans Public Service, Inc.	P.O. Box 60340 New Orleans
Norms Metal Co.	Louisville, KY
Northbrook Sports Club	Northbrook, IL
Northern Metals Inc.	70 Dock Street St. Louis, MO 63147
Northwestern Bell Telephone Co.	100 S.W. 9th Ave. New Brighton, MN
Northwestern Iron & Metal	438-440 Lake Ave. South Duluth, MN 56802
O'Dell Iron & Metal	100 State Street Madison, IL 62060
Ohio New & Rebuilt	P.O. Box 328 Wapakonite, OH 45859
Okon Iron & Metal Co.	4801 South Lamar P.O. Box 15724 Dallas, TX 75215
Olin Corp.	East Alton, IL 62024
Otis Radio Electric Corp.	1102 Silver Lake Cary, IL 60013
Otto Lerch	415 Hillsboro Farmington, MO 63640

Overland Metals, Inc.	8510 Lackland Road Overland, MO 63114
Palmer-Johnson	No address given
Parkans International Inc.	P.O. Box 15519 5221 Armour Drive Houston, TX 77020
Peoria Battery	Peoria, IL
Pet, Inc.	400 South 4th Street St. Louis, MO 63166
Phelps Dodge	El Paso, TX
Philipp Bros.	1) 8131 Monticello Avenue Skokie, IL 60076 2) 1221 Ave. of the Americas New York, NY 10020
Piolet Bros.	P.O. Box 12 McCook, IL 60525
Plumbing Joint Apprenticeship Training Committee	5733 Elizabeth Ave. St. Louis, MO 63110
Prairie Steel Co.	P.O. Box 284 Havana, IL 62644
Prestolite Batteries	Allied Signal Inc./ Prestolite Batteries P.O. Box 2545R Morristown, NJ 07960-2245
Price Watson Company	1909 No. Clifton Ave. Chicago, IL 60614
Ramak Industries Division of Equipment Engineering Company	P.O. Box 18363 Memphis, TN 38118
Ranken Technical Institute	4431 Finney Ave. St. Louis, MO
Ray-Bar Engineering Corp.	Azusa, CA
Red Diamond Manufacturing Company	RR 2, Box 828 Hot Springs, AR 71901

Redfield Iron & Metal	ZR 359 Redfield, SD 57469
Reeves Scrap Metal	6900 Brush Island Road No. Little Rock, AR 72117
Reinert-Preisler Electrotype Co.	914 Pine Street St. Louis, MO 63101
Reliance Battery Co.	2204 South 8th Street Council Bluffs, IA 51501
Remington Arms Company; U.S. Army Armament Command	Independence, MO 64050
Reve International	6122 W. 55th Ave. Arvada, CO
Rex Curtsinger, Sr.	2204 E. Main Street Decatur, IL 62521
Reynolds Electric ⁶	Granite City, IL
Rifkin Scrap Iron & Metal Co.	1445 N. Niagara Saginaw, MI 48602
Romak Industries	P.O. Box 396 Olive Branch, MS
Rosen Metals	P.O. Box 121 Baldwin, WI 54002
Roth Brothers	P.O. Box 158 E. Syracuse, NY
Ruben Metal Co., Inc.	2415 So. Archer Ave. Chicago, IL
S & R Metal Co.	5845 So. May Street Chicago, IL 60621
Salvage Battery & Lead Co.	P.O. Box 179 Mishicot, WI 54228
Sam Allen & Son, Inc.	P.O. Box 2 Pontiac, MI 48056

⁶ Reynolds Electric supplied grade "B" lead - specification unknown.

Samencorp Inc.	445 Park Avenue New York, NY 10022
Samuel Hide & Metal	86 East Hunt Pargould, AR
Sanders Lead Co., Inc.	P.O. Drawer 707 Troy, AL 36081
Scheer Shooting Supplies, Inc.	330 West Eagle Arlington, NE 68002
Schwartz Metal Processors and Traders	P.O. Box 218 Marshalltown, IA
Seidenfeld & Son Iron & Metal	401 S.E. 7th Street Des Moines, IA 50309
S & G Metal Industries, Inc.	P.O. Box 2039 Kansas City, KS 66110
Shanfeld Bros.	70 Dock Street St. Louis, MO 63147
Shanke Metals, Inc.	1410 Pierce Ave. St. Louis, MO 63110
Shapiro Sales Co.	5040 North 2nd Street St. Louis, MO 63147
Sherwin Williams Co. Container Division	1717 Gifford Road Elgin, IL 60129
Shostak Iron & Metal	7th and Kindelberger Rd. Kansas City, KS 66115
Sioux City Compressed Steel	214 Court Street Sioux City, IA 51101
Sol Alman Co.	1300 East 9th Street POB 2244 Little Rock, AR 72203
Sol Tick & Co. Inc.	901 Eldorado Street Box 30 Decatur, IL 62525

South Side Machine Works, Inc.	3761 Eiler Street P.O. Box 22199 St. Louis, MO
Southern Iron & Supply Co.	6326 So. Broadway St. Louis, MO 63110
Southside Machine Shop	3761 Eiler Street St. Louis, MO 63116
Southwestern Bell Telephone Co.	15400 E. Truman Road Independence, MO 64050
Spartan Printing Company; Division of World Color Press, Inc.	2nd and Dickey Street Sparta, IL 62286
Springfield Battery Co.	3000 East Cook Springfield, IL 62707
St. Joe Lead ⁷	250 Park Avenue New York, NY 10017
St. Louis Bottle Iron & Metal Co.	2039 Cole Street St. Louis, MO 63107
St. Louis Law Printing Co.	812 Arcade Building St. Louis, MO 63101
Standard Lead Co.	15396 Idaho Detroit, MI 48238
Standard Storage Battery Co.	2286 Capp Road St. Paul, MN
Stanford Linear Accelerator	P.O. Box 4349 Stanford, CA 94305
Stanley Toebben	Route 5 Jefferson City, MO 65101
Steel Baling Co. Inc.	1901 Converse, P.O. Box 408 E. St. Louis, IL 62202
Straightway Iron & Metal Co.	1936 Cole Street St. Louis, MO 63106

⁷ St. Joe supplied "corroding" and "pig" lead (pure) but also "Doe Run" and "chemical" brands - specification unknown.

Superior Typesetting Company	1709 Washington Ave. St. Louis, MO 63101
Suppo Smelting & Refining Co., Inc.	1240 West Carroll Ave. Chicago, IL 60607
Shur-Start Battery Company	6767 St. Charles Rock Road St. Louis, MO 63133
Swan Rubber Co.	Rt. #2 Stillwater, OK
Texas Mining & Smelting	P.O. Box 559 Laredo, TX 78041
T.G. Marshall Manufacturing Co.	4326 Riverline Drive Earth City, MO 63045
Tri-City Scrap Company	P.O. Box 21199 Louisville, KY 40221
Turner Salvage Co.	Route 1, Box 101 Moorehead, MN 56560
Union Compressed Steel	5200 Main Street Duluth, MN 55807
Union Scrap Co.	210 15th Ave. North Minneapolis, MN 55411
United Scrap Lead	P.O. Box 25 Troy, OH 45373
Unique Art Glass	3649 Market Street St. Louis, MO 63110
University of Illinois at Urbana	223 Administration Bldg. Urbana, IL 61801
U.S. Scrap & Metal Company	P.O. Box 1484 550 Southside Drive Decatur, IL 62526
U.S. Supply Company	901 Farnam Street Omaha, NE 68102
U.S.S. Lead Refinery Inc.	5300 East Kennedy Ave. E. Chicago, IN 46312

Versatile Metals.	P.O. Box 97728 Chicago, IL 60690
Vince Jacks Iron & Metal Co.	6609 Manchester Ave St. Louis, MO 63139
Vincent Brass & aluminum	3334 Rand Road Indianapolis, IN 46241
Waddell Brothers Metal Company	P.O. Box 338 Blue Grass, IA 52726
West End Hide & Fur	Box 1578 Jamestown, ND 58410
Western Electric Co.	A T & T/ Western Electric Co. Room 3WA-148 1 Oakway Berkeley Heights, NJ 07922
Western Gun & Supply	P.O. Box 1848 Grand Island, NE 68801
Westerville Creamery Co.	400 Hazel Street Covington, OH 45318
Wicks Organ Company	1100 Fifth Street Highland, IL 62249
William S. Lasich & Sons	3315 West Point Collinsville, IL 62234
Wisconsin Lead Co.	5116 Lincoln Ave. Milwaukee, WI 53219
Young Radiator Co.	2825 Four Mile Road Racine, WI 53404

N.L. SECONDARIES

Names and Addresses of Suppliers of
Non-Virgin Material to Granite City, Illinois

<u>Supplier</u>	<u>Address Shown on Documents</u>	<u>Present Address/ Parent Company If Known</u>
Globe Union	1) Geneva, IL 2) Milwaukee, WI 3) St. Joseph, MO 4) St. Louis, MO	Johnson Controls Inc/ Globe Union 5757 N. Green Bay Avenue P.O. Box 591 Milwaukee, WI 53201
ESB Inc.	1) Burlington, IA 2) Kansas City 3) Logansport 4) Memphis 5) Philadelphia	Exide Corp./ESB Inc. P.O. Box 14205 Reading, PA 19162-4205
Nassau Smelting & Refining Corp.	206 Richmond Valley Staten Island, NY 10307	At&T/Nassau Smelting & Refining Corp. Room 3WA-148 1 Oakway Berkley Heights, NJ 07922
Prestolite Batteries	1) PO Box 278 Manchester, IA 52057 2) PO Box 25609 Oklahoma City, OK 73125 3) PO Box 591 Vincennes, IN	Allied Signal Inc./ Prestolite Batteries P.O. Box 2545R Morristown, NJ 07960-2245

Western Electric Co.

- 1) Merriam, KS
- 2) 3100 E 28th Street
Minneapolis, MN 55406
- 3) Monohans, TX
- 4) Nashville, TN
- 5) New Brighton, MN
- 6) New Orleans, LA
- 7) 4334 S. 67th
Omaha, NE
- 8) 2651 Olive Street
St. Louis, MO 63103

A T & T/ Western Electric
Co.
Room 3WA-148
1 Oakway
Berkeley Heights, NJ
07922

Federal Cartridge Corporation

- 1) 9th and Tyler Street
Anoka, MN 55303
- 2) Buick, MO
- 3) Omaha, NE

Federal-Hoffman Inc.
900 Ehlen Drive
Anoka, MN 55303-1778

Gopher Smelting & Refining

3385 Highway 49
St. Paul, MN 55121

3385 Highway 49
St. Paul, MN 55121
Parent Company:
Lo Nidy Company Inc.
St. Paul, MN

Ace Scrap Metal Processors

3100 N. Broadway
St. Louis, MO. 63147

Ace Metal Processors, Inc.
Ace Scrap Metal
5900 Manchester
St. Louis, MO 63110-1999

Chemetco

PO Box 187
Alton, IL 62002

Chemetco, Inc.
Highway 3 & Oldenburg Rd.
Hartford, IL 62048

Suppo Smelting & Refining
Co., Inc.

1240 West Carroll Ave.
Chicago, IL 60607

Involuntarily dissolved
1/2/88. Registered Agent:
Martin I. Suppo
1060 Summit Drive
Deerfield, IL 60015-1823
Former President:
Martin I. Suppo
3624 Heritage Drive
Northbrook, IL 60062

Sanders Lead Co., Inc.

P.O. Drawer 707
Troy, AL 36081

Box 707, Sanders Road
Troy, AL 36081

Gould Inc.

- 1) Atchison, KS
- 2) Chicago Heights, IL
- 3) Frisco, TX
- 4) Granite City, IL
- 5) Leavenworth, KS
- 6) McConnellsville, OH
- 7) Memphis, TN
- 8) Reisor, LA
- 9) St. Paul, MN
- 10) Zanesville, OH

Ten Gould Center
Rolling Meadows, IL 60008

Finer Metal Co.

5900 Manchester Ave.
St. Louis, MO 63110

5900 Manchester Ave.
St. Louis, MO 63110
Wholly owned subsidiary
of Finer Iron & Metal.
Parent Company: Liquidated
Subsidiary active.

Delco-Remy; Division of
General Motors Corp.

Olathe, KS 66061

General Motors Corp./
Delco Remy Division
3031 West Grand Blvd.
P.O. Box 33122
Detroit, MI 48232

Southern Iron & Supply Co.

6326 So. Broadway
St. Louis, MO 63110

Southern Scrap Iron &
Metal
6323 S. Broadway
St. Louis, MO 63111
President: Daniel Kweskin

Nassau Recycle Corp.

P.O. Box 215
Gaston, SC 29053

AT&T/Nassau Recycle Corp.
Room 3WA-148
1 Oakway
Berkley Heights, NJ 07922

Alter Company, Inc.	2333 Rockingham Road, Davenport IA 53808	2333 Rockingham Road Davenport, IA 52808 Chairman/President: Bernard Goldstein
A. Miller & Company, Inc.	PO Box 695 Peoria, Illinois 61652	1610-12 SW Adams St. Peoria, IL 61602
Ed Parkinson	129 South Ely Mounds, IL 62964	No record under this name held by Secretary of State.
Lissner Corporation	1000 North Branch Chicago, IL 60622	Involuntary dissolution 1/2/87. Former President: Michael W. Lissner 1000 N. North Branch St. Chicago, IL 60622
Shostak Iron & Metal	7th and Kindelberger Rd. Kansas City, KS 66115	700 Kindelberger Road Kansas City, KS 66115
Madewell & Madewell	P.O. Box 386 Jones, OK 73049	P.O. Box 386 1 M1 East of Town Jones, OK 73049
Union Scrap Iron & Metal Co., Inc.	210 15th Ave. North Minneapolis, MN 55411	Not Known
Inland Metals Refining Co. Inc.	651 East 119th Street Chicago, IL 60628	53 W Jackson Blvd. #1122 Chicago, IL
U.S.S. Lead Refinery Inc.	5300 East Kennedy Ave. E. Chicago, IN 46312	Sharon Steel Corp./USS Lead Refinery Inc. Roemer Boulevard Sharon, PA 16146
Becker Metals Corp.	PO Box 14008-B St. Louis, MO 63178	P.O. Box 14008-B 806 S. 22nd Street St. Louis, MO 63178

General Battery Corp.	No address given	Exide Corp./General Battery Corp. POB 14205 Reading, PA 19162-4205
Federal Iron & Metal Co.	6820 St. Charles Rock Road St. Louis, MO 63133	5901 St. Louis Ave. St. Louis, MO
McKinley Iron Inc.	3620 North Hall Street St. Louis, MO 64147	3620 North Hall St. St. Louis, MO 64147
Seidenfeld & Son Iron & Metal	401 S.E. 7th Street Des Moines, IA 50309	821 S.E. 21st Des Moines, IA 50309
GSA	No address given	General Services Administration Property Management & Disposal Service.
Waddell Brothers Metal Company	P.O. Box 338 Blue Grass, IA 52726	P.O. Box 338 Blue Grass, IA 52726
Del Rich Battery & Metal Co.	510 Schmidt Road Davenport, IA 52808	Not Known
United Scrap Lead Co., Inc.	P.O. Box 25 Troy, OH 45373	Not Known
Versatile Metals.	P.O. Box 97728 Chicago, IL 60690	Not Known
Madewell Metals Corporation	310 Shawnee Bypass Box 1432 Muskogee, OK 74401	310 E. Shawnee Bypass Box 1432 Muskogee, OK 74401
General Motors Corporation	1) 3809 N. Union Blvd. St. Louis, MO 68115 2) 1000 Industrial Ave. Jamesville, WI 53546	3031 West Grand Blvd. P.O. Box 33122 Detroit, MI 48232

K.W. Battery ¹	3555 Howard Street Skokie, IL 60076	3555 Howard Street Skokie, IL 60076
Ford Motor Company	1) P.O. Box 383 Wayne, MI 48178 2) Chicago, IL 3) Dearborn, MI 4) Louisville, KY	Parklane Towers West Suite 401 One Parklane Blvd Dearborn, MI 48126
Morris Tick Company, Inc.	501 East Stewart Bloomington, IL 61701	P.O. Box 3095 501 East Stewart Street Bloomington, IL 61701
Leslie Cooper Battery & Metal	P.O. Box 4166 Davenport, IA 52808	Not Known
Chanen's Inc.	PO Box 766 Quincy, IL 62301	Chanen Scrap & Steel 2101 NW Burlington Ave. W. Burlington, IA 52655
Reynolds Electric ²	Granite City, IL	Not Known
M. Ruben Metal Co.	2416 So. Archer Ave. Chicago, IL 60616	Not Known
Madison Scale Co., Inc.	Madison, IL	3106 Commercial Avenue Madison, WI
M.S. Kaplan Company	111 East Wacker Drive Chicago, IL 60601	M.S. Kaplan Sun Steel Co. Divn. 666 N. Lake Shore Drive Chicago, IL 60611
Commercial Metals Company	P.O. Box 1046 Dallas, TX 75221-1046	P.O. Box 1046 7800 Stemmons Freeway Dallas, TX 75221-1046

¹ Present communications address for K.W. Battery: c/o Janice M. Edwards, Mc Dermott Will & Emery, 111 West Monroe Street, Chicago IL 60603.

² Reynolds Electric supplied grade "B" lead - specification unknown.

J. Soloman & Sons	17th and Cedar Street Cairo, IL 62914	Not Known
Chrysler Corp. (St. Louis Car Assembly #1)	1001 N. Highway Drive Fenton, MO 63026	Headquarters: 12000 Chrysler Drive Detroit, MI
Springfield Battery Co.	3000 East Cook Springfield, IL 62707	2645 East Cook Street Springfield, IL 62707
Central Iron & Metal Company	PO Box 1180 Springfield, IL 62705	Not Known
Sol Tick & Co. Inc.	901 Eldorado Street Box 30 Decatur, IL 62525	Not Known
Active Metal Company	5150 16th Street, Detroit, MI 66208	Not Known
Vince Jacks Iron & Metal Co.	6609 Manchester Ave St. Louis, MO 63139	Not Known
Shanke Metals, Inc.	1410 Pierce Ave. St. Louis, MO 63110	1410 Pierce Avenue St. Louis, MO 63110
Modine Manufacturing Co.	1500 Dekoven Avenue Racine, WI 53401	1500 De Koven Avenue Racine, WI 53401
Diversified Metals	1034 S. Brentwood Blvd. Richmond Heights, MO 63117	Diversified Industries, Inc. 101 S. Hanley Road St. Louis, MO 63105
Feinberg Bros. Iron & Metal	1335 Cypress Kansas City, MO 64127	135 Cypress Kansas City, MO 64127
Straightway Iron & Metal Co.	1936 Cole Street St. Louis, MO 63106	Not Known

Shanfeld Bros.	70 Dock Street St. Louis, MO 63147	Not Known
A.B.F. Metal Co.	St. Louis, MO.	Not Known
National Metal Company	8339 Lowell Avenue Skokie, IL 60076	Not Known
Fisher Body Division of General Motors Corporation	West Fort Street & West End Avenue Detroit, MI 48209	Parent Company: General Motors Corporation/ Fisher Body Division 3031 West Grand Blvd. P.O. Box 33122 Detroit, MI 48232
Northern Metals Inc.	70 Dock Street St. Louis, MO 63147	Not Known
M. Gervich & Son, Inc.	707 E. Nevada Street P.O. Box 67 Marshalltown, IA 50158	707-709 E. Nevada St. P.O. Box 67 Marshalltown, IA 50158
Reeves Scrap Metal	6900 Brush Island Road No. Little Rock, AR 72117	Not Known
Graham Metal Corporation	412 Graham Avenue Benton Harbor, MI 49022	Not Known
Burlington	Granite City	This may refer to ESB, Inc. Burlington, Iowa
Acme Battery Manufacturing Company	3340 Morganford St. Louis, MO. 63110	3340 Morganford-Road St. Louis, MO 63110
Salvage Battery & Lead Co.	P.O. Box 179 Mishicot, WI 54228	P.O. Box 179 175 S. Rockaway Mishicot, WI 54228
Stanley Toeppen	Route 5 Jefferson City, MO 65101	Not Known

Okon Iron & Metal Co.	4801 South Lamar P.O. Box 15724 Dallas, TX 75215	Not Known
Union Compressed Steel	5200 Main Street Duluth, MN 55807	Not Known
West End Hide & Fur	Box 1578 Jamestown, ND 58410	Box 1578 Jamestown, ND 58410
O'Dell Iron & Metal	100 State Street Madison, IL 62060	Not Known
A. Tenenbaum	4500 Bethany Road N. Little Rock, AR 72117	Not Known
Rosen Metals	P.O. Box 121 Baldwin, WI 54002	Not Known
Ramak Industries Division of Equipment Engineering Company	P.O. Box 18363 Memphis, TN 38118	Not Known
Otto Lerch	415 Hillsboro Farmington, MO 63640	Not Known
Max Schwartzman & Sons, Inc.	2905 North Ferry Anoka, MN 55303	Not Known
Overland Metals, Inc.	8510 Lackland Road Overland, MO 63114	8510 Lackland Road St. Louis, MO 63114
Fundamental Metals & Minerals	30 Rockefeller Plaza Suite 1933 New York, NY 10020	Fundamental Minerals & Metals 2 Execution Drive Fort Lee, NJ
Kamen Iron & Metal Co.	P.O. Box 485 Wichita, KS 67214	Kamen, Inc. 800 E. 21st Wichita, KS 67214

Gary's Metals, Inc.	RR 3, Box 290 Carterville, IL 62918	25 Country Aire Drive Carterville, IL
Henry Rautbort	517 West VanBuren Clinton, IL 61727	Not Known
Ace Comb Company	West 2nd Street, Booneville, AR 72927	Not Known
Pet, Inc.	400 South 4th Street St. Louis, MO 63166	400 South 4th Street St. Louis, MO 63166
Amax Lead and Zinc	1) Amax Lead and Zinc 7733 Forsyth Blvd. Clayton, MO 63105 2) Amax Zinc Sauget, IL	Amax Inc./Amax Lead and Zinc 200 Park Avenue NY, NY 10166
Western Gun & Supply	P.O. Box 1848 Grand Island, NE 68801	Not Known
Olin Corp.	East Alton, IL 62024	427 N. Shamrock East Alton, IL 62024 Headquarters: P.O. Box 1355 120 Long Ridge Road Stamford, CT 06904
William S. Lasich & Sons	3315 West Point Collinsville, IL 62234	Not Known
GT Metals	Rd. 4, Box 400-B Muskogee, OK 74401	Not Known
Price Watson Company	1909 No. Clifton Ave. Chicago, IL 60614	Not Known
Houston Salvage	1355 West Highway 17 Houston, MO 65483	1355 West Highway 17 Houston, MO 65483

Sol Alman Co.	1300 East 9th Street POB 2244 Little Rock, AR 72203	Not Known
Missouri Iron & Metal Co., Inc.	754 S. 4th St. St. Joseph, MO 64501	P.O. Box 33 754 S. 4th Street St. Joseph, MO 64501
Mid-Missouri Metal	P.O. Box 247 Wentzville, MO 63385	P.O. Box 247 S. 1-70 Service Road Wentzville, MO 63385
Galaxy Metals	Suite 20M/200 E. 57th St. New York, New York 10022	Not Known
Billiton Metals & Ores	POB 1156 Church St. Station NY, NY 10249	Billiton Trading Co. 75 Rockefeller Plaza New York, NY 10019 Parent Company: Shell Transport & Trading Co. PLC UK
Delta Metals & Paper Recycling, Inc.	1436 Mullanphy St. Louis, MO 63106	1436 Mullanphy St. Louis, MO 63106
H. Brecker & Son	P.O.B. 28 Platteville, WI 53818	Not Known
Elden R. Erickson & Sons, Inc.	5383 Swanson Road Roscoe, IL 61073	5383 Swanson Road Roscoe, IL 61073
H.S. Kaplan Scrap Iron & Metal	P.O.B. 3626 St. Paul, MN 55165	Not Known
Red Diamond Manufacturing Company	RR 2, Box 828 Hot Springs, AR 71901	Not Known
Schwartz Metal Processors and Traders	P.O. Box 218 Marshalltown, IA	Not Known

Afram Bros, Co.	900 South Water Street, Milwaukee, WI 53204	Not Known
St. Louis Law Printing Co.	812 Arcade Building St. Louis, MO 63101	13301-07 Manchester St. Louis, MO
Mardians, Inc.	P.O. Box 370 Mobridge, SD 57601	Mardians Trading Post Inc. East of the City Mobridge, SD
U.S. Scrap & Metal Company	P.O. Box 1484 550 Southside Drive Decatur, IL 62526	Not Known
Cerro Copper Products	PO Box 93739 Chicago, IL 60670	225 W. Washington 19th Floor Chicago, IL
Imperial Smelting Corporation	1031 E. 103rd Street Chicago, IL 60628	1031 E. 103rd Street Chicago, IL 60628
Bill Bergmeyer	R.R.2 Box 238 Bowling Green, MO 63334	Not Known
Rex Curtsinger, Sr.	2204 E. Main Street Decatur, IL 62521	Not Known
Standard Lead Co.	15396 Idaho Detroit, MI 48238	Not Known
J. Trockman & Sons, Inc.	Highway 41 South Evansville, IN 47702	P.O. Box 682 Highway 41 South Evansville, IN 47702
Larry Good & Company	260 Old State Road Ellisville, MO 63011	114 So. Kentucky Independence, MO
Peoria Battery Co.	Peoria, IL	10223 N. Knoxville Peoria, IL

General Waste Products, Inc.	201 South 7th Ave. Evansville, IN 47730	P.O. Box 6690 201 South 7th Avenue Evansville, IN 47730
Benjamin Air Rifle Co.	1525 South 8th Street, St. Louis, MO 63104	Sheridan Products Division 2600 Chicory Road Racine, WI
Scheer Shooting Supplies, Inc.	330 West Eagle Arlington, NE 68002	Not Known
Northwestern Bell Telephone Co.	100 S.W. 9th Ave. New Brighton, MN	U.S. West Inc. 7800 E. Orchard Rd. Englewood, CO 30111
S & G Metal Industries, Inc.	P.O. Box 2039 Kansas City, MO 66110	P.O. Box 2039 Kansas City, MO 66110
Charles W. Johnson	503 N. Sangamon Lincoln, IL 62656	No record in this name held by Secretary of State.
Redfield Iron & Metal	ZR 359 Redfield, SD 57469	P.O. Box ZR 359 212 West Redfield, SD 57469
Shapiro Sales Co.	5040 North 2nd Street St. Louis, MO 63147	5040 North 2nd Street St. Louis, MO 63147
Bell City Battery Mfg.	915 South Charles Street Belleville, IL 62221	915 South Charles Street Belleville, IL 62221
Standard Storage Battery Co.	2286 Capp Road St. Paul, MN	2286 Capp Road St. Paul, MN
MacGlashen Enterprises	1641 So. Sinclair Anaheim, CA 92806	Not Known
Astron Manufacturing Co.	12th and Mc Kinney Streets Chicago, IL	Company dissolved. No information in inactive file of Secretary of State.

Berlinski & Sons	POB 733 Joliet, IL 60434	Berlinski Scrap Corp. P.O. Box 733, 212 Page St. Joliet, IL 60434
Lefton Iron & Metal Company	P.O. Box 219 East St. Louis, IL 62202	P.O. Box 219 205 South 17th Street East St. Louis, IL 62202
Anderson Steel, Inc.	POB 448 Fairfield, IA 52566	P.O. Box 448 Fairfield, IA 52566
Ruben Metal Co., Inc.	2415 So. Archer Ave. Chicago, IL	Not Known
Kemco Metal Processing	123 Byasse Drive Hazelwood, MO 63042	Not Known
E.J. Pfeifer Iron & Metal	522 S. First Stockton, KS 67669	Not Known
Johnson Metal Co.	3056 Hamilton Ave. Racine, WI 53403	3056 Hamilton Ave. Racine, WI 53403
Mallin Bros. Co., Inc.	3211 Gardner Avenue Kansas City, MO 64120	3211 Gardner Avenue Kansas City, MO 64120
Stanford Linear Accelerator	P.O. Box 4349 Stanford, CA 94305	Stanford Linear Accelerator Ctr. Stanford Leland Junior University Encina 218 Stanford, CA
Shur-Start Battery Company	6767 St. Charles Rock Road St. Louis, MO 63133	Not Known
McGraw - Edison Co. (Bussman Manufacturing Division)	502 Earth City Plaza P.O. Box 14460 St. Louis, MO 63178	Headquarters: 4000 First City Tower Houston, TX

Bob Keller Batteries Warehouse Co.	2671 Washington St. Louis, MO 63103	2671 Washington St. Louis, MO 63103
Westerville Creamery Co.	400 Hazel Street Covington, OH 45318	Not Known
Farmland	No address given	Not Known
Turner Salvage Co.	Route 1, Box 101 Moorehead, MN 56560	Not Known
Northwestern Iron & Metal	438-440 Lake Ave. South Duluth, MN 56802	Not Known
Young Radiator Co.	2825 Four Mile Road Racine, WI 53404	2825 Four Mile Road Racine, WI 53404
Acro Sales & Engineering, Inc.	W 137 N. 5540 Williams Place, Menomonee Falls WI 53051	W. 137 N. 5540 Williams Place Menomonee Falls, WI 53051
Reliance Battery Mfg.	2204 South 8th Street Council Bluffs, IA 51501	2204 South 8th Street Council Bluffs, IA 51501
New Castle Junk Co.	New Castle, PA	Samson St. Ext. P.O. Box 1408 New Castle, PA
Chicago Battery	No address given	638 N. Sacramento Blvd. Chicago, IL
Briggs Used Auto Parts	7 W. Buckeye Casey, IL 62420	Not Known
Kansas City Battery Company	744 Southwest Blvd. Kansas City, KS 66103	3824 Truman Road Kansas City, MO
InterCity Metal Co.	8400 Truman Road Kansas City, MO	Not Known

L. Kahn & Son	P.O. Box 569 Havanna, IL	P.O. Box 569 433 S. Water Street Havanna, IL
Sioux City Compressed Steel	214 Court Street Sioux City, IA 51101	214 Court Street Sioux City, IA 51101
Kennecott Refining Corp.	Baltimore, MD	Not Known
Roth Brothers	P.O. Box 158 E. Syracuse, NY	Roth Brothers Smelting Corp. P.O. Box 639 6223 Thompson Road E. Syracuse, NY
Lopez Scrap Metal, Inc.	P.O. Box 17741 El Paso, TX 79917	351 Navarez Road El Paso, TX
La Salle Steel Co.	1412 E. 150th Street Hammond, IN 46327	1412 E. 150th Street Hammond, IN 46327
Marco Steel Supply	302 S. Market St. Champaign, IL 61820	Marco Steel Supply Div. Mervis Industries 2313 Cannon Danville, IL
M. Katch & Co., Inc.	Topeka, KS	P.O. Box 619 503 Branner Topeka, KS
Consolidated Wastes Material Co.	6730 Wilson Road Kansas City, MO 64125	6730 Wilson Road Kansas City, MO 64125
Pielet Bros.	P.O. Box 12 McCook, IL 60525	Pielet Brothers Trading Inc. 2250 E. Devon Suite 207 Des Plaines, IL
Billy Morrow	Box 132 Hurdland, MO 63547	Not Known

Glosser Metal Company	P.O. Box 114 Hidalgo, IL 62432	Box 31 Route 2 Greenup, IL
Prairie Steel Co.	P.O. Box 284 Havana, IL 62644	Not Known
Baker Iron & Metal, Co.	Box 11040 Lexington, KY 40511	Box 11040 715-721 N. Limestone St. Lexington, KY 40511
Swan Rubber Co.	Rt. #2 Stillwater, OK	4115 N. Perkins Road Stillwater, OK
Allied Metal Company, Inc.	2059 South Canal Street, Chicago, IL 60616	2059 South Canal Street Chicago, IL 60616
Southwestern Bell Telephone Co.	15400 E. Truman Road Independence, MO 64050	Southwestern Bell Corp. 1 Bell Center St. Louis, MO 63101
Sam Allen & Son, Inc.	P.O. Box 2 Pontiac, MI 48056	P.O. Box 2 500 Collier Road Pontiac, MI 48056
Grossman Metals Corp.	5 North Market Street St. Louis, MO 63102	Not Known
Batco Inc.	7777, Bon Homme Clayton, MO 63105	Not Known
Barter Machinery & Supply Co.	215 Santa Fe Drive Denver, CO 80223	215 Santa Fe Drive Denver, CO 80223
Highland Park Waste Material	1466 Berkeley Road Highland Park, IL 60035	Not Known
St. Louis Bottle Iron & Metal Co.	2039 Cole Street St. Louis, MO 63107	Not Known
Norm's Metal Company	Louisville, KY	739 West Oak Louisville, KY

Samuel Hide & Metal	86 East Hunt Pargould, AR	Not Known
Northbrook Sports Club	Northbrook, IL	P.O. Box 766 N. Allegheny Road Grayslake, IL 32250
Bill's Salvage	POB 398 Cobden, IL 62920	P.O. Box 398 Highway 51 South Cobden, IL 62920
National Typographers Inc.	914 Pine Street St. Louis, MO 63101	Not Known
CBC Inc.	3001, Fairfax Traffic Way Kansas City, KS 66115	Not Known
A.O. Smith Corp.	P.O. Box 28 Kankakee, IL	Not Known
D. Pollack & Sons	1509 West Cortland Chicago, IL 60622	Involuntarily dissolved 12/1/81; registered agent vacated. Former president: Steven Pollack.
Campbell Soup	P.O. Box 116 Paris, TX 75460	Campbell Place Camden, NJ 08101-0391
Steel Baling Co. Inc.	1901 Converse, P.O. Box 408 E. St. Louis, IL 62202	Not Known
Aaron Ferer & Sons Co.	POB 6478 Church St. Station NY, NY 10249	Not Known
Murphysboro Iron & Metal	1700-1900 Gartside Murphysboro, IL 62966	Not Known
Romak Industries	P.O. Box 396 Olive Branch, MS	Not Known

Continental Can Company	800 Connecticut Ave. P.O. Box 5410 Norwalk, CT 06856	Kiewit Continental Inc. 800 Connecticut Ave. Norwalk, CT 06856 Parent Company: Kiewit Holding Group Inc. 1000 Kiewit Plaza Omaha, NE 68131
Intsel Corporation	835 3rd Avenue New York, NY 10022	Not Known
Don Hibbeler	12814 Sycamore Lane Palos Heights, IL 60463	Not Known
James H. Tessem	1705 N.E. Perry Peoria, IL 61603	Not Known
Ben Greenberg Co.	POB. 450 Dyersburg, TN 38024	Not Known
Comfort Printing and Stationery Co.	1611 Locust Street St. Louis, MO 63106	S.G. Adams Printing & Stationery Co. 145 White Oaks Mall Springfield, IL
Meyer Battery Service	1004 E. 12th Street Joplin, MO	Not Known
American Can Co.	755 Prior Avenue St. Paul, MN 55104	Not Known
Tri-City Scrap Company	P.O. Box 21199 Louisville, KY 40221	Not Known
University of Illinois at Urbana	223 Administration Bldg. Urbana, IL 61801	Not Known

Bill's Auto Parts	471 South Capital Ave. Gerydon, IN 47112	Bill's Auto Parts (William Garey) 471 South Capital Ave. Corydon, IN 47112
Wicks Organ Company	1100 Fifth Street Highland, IL 62249	P.O. Box 129 1100 Fifth Street Highland, IL. 62249
South Side Machine Works, Inc.	3761 Eiler Street P.O. Box 22199 St. Louis, MO	3761 Eiler Street P.O. Box 22199 St. Louis, MO
New Orleans Public Services	P.O. Box 60340 New Orleans	Middle South Utilities, Inc. 317 Baronne Street New Orleans, LA 70160
Superior Typesetting Company	1709 Washington Ave. St. Louis, MO 63101	Not Known
C.L. Downey Company	9th and Colfax Avenue Hannibal, MO 63401	P.O. Box 857 9th & Colfax Avenue Hannibal, MO 63401
Rankin Technical Institute	4431 Finney Ave. St. Louis, MO	David Ranken Jr. Technical Institute, Inc. 4431 Finney Avenue St. Louis, MO
Cosco Graphics	11548 Adie Road Maryland Heights, MO.	11548 Adie Road Hazelwood, MO
Jay Metal Processing	1302 NE 29th Forth Worth, TX 76106	1302 N.E. 29th Fort Worth, TX 76106
Otis Radio Electric Corp.	1102 Silver Lake Cary, IL 60013	Not Known
Unique Art Glass	3649 Market Street St. Louis, MO 63110	Not Known

T.G. Marshall Manufacturing Co.	4326 Riverline Drive Earth City, MO 63045	Not Known
American Industrial Linings, Inc.	1390 Kingsland Avenue St. Louis, MO. 63133	Not Known
Gebco Machine, Inc.	Granite City, IL	2900 Emzee Granite City, IL
Spartan Printing Company; Division of World Color Press, Inc.	2nd and Dickey Street Sparta, IL 62286	2nd and Dickey Street Sparta, IL 62286
Reinert-Preisler Electrotype Co.	914 Pine Street St. Louis, MO 63101	Not Known
Parkans International Inc.	P.O. Box 15519 5221 Armour Drive Houston, TX 77020	P.O. Box 15519 5221 Armour Drive Houston, TX 77020
CNC Industries, Inc.	330 Crossen Elk Grove Village, IL 60007	330 Crossen Arlington Heights, IL
Crown Cork & Seal Company	3501 West 31st Street Chicago, IL 60623	3501 West 31st Street Chicago, IL 60623 Headquarters: 9300 Ashton Road Philadelphia, PA 19136
S & R Metal Co.	5845 So. May Street Chicago, IL 60621	Not Known
Sherwin Williams Co. Container Division	1717 Gifford Road Elgin, IL 60129	1717 Gifford Road Elgin, IL 60129
Dudley Auto Radiator	1509 7th Street Madison, IL	Not Known

National Can Corp.	8101 Higgins Road Chicago, IL 60631	National Can Services Corp. 8101 Higgins Road Chicago, IL 60631
Centritech Corporation	PO Box 14552 Houston, TX 77021	Unknown
Ray-Bar Engineering Corp.	Azusa, CA	697 W. Foothill Blvd. P.O. Box 415 Azusa, CA
Plumbing Joint Apprenticeship Training Committee	5733 Elizabeth Ave. St. Louis, MO 63110	Not Known
Vincent Brass & Aluminum	3334 Rand Road Indianapolis, IN 46241	Not Known
Acme Premium Supply Corp.	2201 Washington St. Louis, MO	Not Known
Milford Rivet Machine Co.	111 Taylor Street Elyria, OH 44035	1111 Taylor Street Elyria, OH 44035 Parent Company: RBS Industries, Inc. 45 Seamans Lane Milford, CT
Bear Manufacturing	PO Box 10159 Rock Island, IL 62201	Not Known
Far West Sport	13313 Reeder Road S.W. Olympia, WA 98502	Far West Sports, Inc. 4702 20th E. Takoma, WA
Edwardsville Intelligencer	117 N. 2nd Street Edwardsville, IL 62025	Edwardsville Pub. Co. 117 N. 2nd Street Edwardsville, IL 62025
Central Waste Material Co.	1510 N. Broadway St. Louis, MO.	1510-18 N. Broadway St. Louis, MO

Modern Printing Company	2617 Oliver Street St. Louis, MO 63103	2617 Olive Street St. Louis, MO 63103
Ladyman Engineering Enterprises	723 Kirkwood Drive Dallas, TX 76128	Not Known
Marchem Resources, Inc.	P.O. Box 35361 Houston, TX 77035	P.O. Box 6914 5012 Tangle Lane Houston, TX
H.C. Duke & Son, Inc.	2116 Eighth Ave. East Moline, IL 61244	2116 Eighth Avenue East Moline, IL 61244
Call Pub. Co. Inc.	9, N. Division Street, Duquoim, IL 62832	No record in this name held by Secretary of State
Hunter's Reloading Supply	1210 St. Michael Street Cahokia, IL 62206	Not Known
U.S. Supply Company	901 Farnam Street Omaha, NE 68102	Not Known

NL Industries File #3 File X
Notice Letters PRPT Information